

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\
 Data File : VY012205.D
 Acq On : 16 Jan 2023 17:31
 Operator : KP/MD
 Sample : VY0116SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0116SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

Quant Time: Jan 17 04:49:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.789	168	195041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	299770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	273026	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137667	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	82875	51.371	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.740%			
35) Dibromofluoromethane	7.716	113	73900	46.558	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 93.120%			
50) Toluene-d8	10.179	98	272729	49.552	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.100%			
62) 4-Bromofluorobenzene	12.483	95	103320	46.175	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 92.340%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	38918	22.833	ug/l	99
3) Chloromethane	2.113	50	33930	21.563	ug/l	97
4) Vinyl Chloride	2.253	62	38176	20.786	ug/l	99
5) Bromomethane	2.644	94	29827	21.006	ug/l	98
6) Chloroethane	2.790	64	24724	20.641	ug/l	96
7) Trichlorofluoromethane	3.125	101	74081	20.667	ug/l	96
8) Diethyl Ether	3.528	74	21332	20.000	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.900	101	36641	21.003	ug/l	95
10) Methyl Iodide	4.088	142	45044	16.990	ug/l	95
11) Tert butyl alcohol	4.954	59	32487	165.156	ug/l #	94
12) 1,1-Dichloroethene	3.869	96	37176	20.753	ug/l	97
13) Acrolein	3.729	56	11828	151.931	ug/l	100
14) Allyl chloride	4.479	41	45726	20.644	ug/l #	87
15) Acrylonitrile	5.161	53	50146	107.633	ug/l	99
16) Acetone	3.948	43	53521	98.547	ug/l	100
17) Carbon Disulfide	4.192	76	114102	20.593	ug/l	99
18) Methyl Acetate	4.473	43	25361	20.868	ug/l #	89
19) Methyl tert-butyl Ether	5.216	73	103463	20.719	ug/l	96
20) Methylene Chloride	4.716	84	48453	15.887	ug/l	87
21) trans-1,2-Dichloroethene	5.216	96	40854	20.438	ug/l	88
22) Diisopropyl ether	6.119	45	92597	20.970	ug/l #	94
23) Vinyl Acetate	6.058	43	294979	107.203	ug/l #	92
24) 1,1-Dichloroethane	6.015	63	63077	20.594	ug/l	95
25) 2-Butanone	6.984	43	64991	108.395	ug/l #	88
26) 2,2-Dichloropropane	6.984	77	68480	20.596	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	44544	20.287	ug/l	96
28) Bromochloromethane	7.326	49	13599	20.330	ug/l #	80
29) Tetrahydrofuran	7.350	42	37861	114.959	ug/l #	85
30) Chloroform	7.503	83	74436	20.588	ug/l	100
31) Cyclohexane	7.783	56	59091	20.780	ug/l #	82
32) 1,1,1-Trichloroethane	7.698	97	72791	20.336	ug/l	97
36) 1,1-Dichloropropene	7.917	75	53376	19.786	ug/l	98
37) Ethyl Acetate	7.076	43	26808	22.543	ug/l #	96
38) Carbon Tetrachloride	7.899	117	70510	20.238	ug/l	98
39) Methylcyclohexane	9.179	83	70013	21.238	ug/l	93
40) Benzene	8.161	78	157649	20.248	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\
 Data File : VY012205.D
 Acq On : 16 Jan 2023 17:31
 Operator : KP/MD
 Sample : VY0116SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0116SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

Quant Time: Jan 17 04:49:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	16092m	23.021	ug/l	
42) 1,2-Dichloroethane	8.234	62	50216	20.259	ug/l	100
43) Isopropyl Acetate	8.271	43	47453	21.447	ug/l	95
44) Trichloroethene	8.941	130	47181	20.274	ug/l	98
45) 1,2-Dichloropropane	9.216	63	33910	20.872	ug/l	96
46) Dibromomethane	9.301	93	21743	19.991	ug/l	94
47) Bromodichloromethane	9.496	83	54488	19.902	ug/l	98
48) Methyl methacrylate	9.295	41	22313	21.888	ug/l	94
49) 1,4-Dioxane	9.295	88	6357	428.941	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	128984	109.329	ug/l	96
52) Toluene	10.240	92	104178	20.096	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	57376	20.035	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	62801	20.363	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	31973	20.691	ug/l	96
56) Ethyl methacrylate	10.508	69	42002	20.719	ug/l	95
57) 1,3-Dichloropropane	10.789	76	51936	20.580	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	70655	105.330	ug/l	90
59) 2-Hexanone	10.831	43	96142	107.035	ug/l	94
60) Dibromochloromethane	10.984	129	42206	20.593	ug/l	98
61) 1,2-Dibromoethane	11.087	107	30664	20.565	ug/l	100
64) Tetrachloroethene	10.721	164	51913	20.837	ug/l	98
65) Chlorobenzene	11.514	112	111989	20.047	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	42296	20.059	ug/l	96
67) Ethyl Benzene	11.593	91	201885	20.221	ug/l	99
68) m/p-Xylenes	11.703	106	160714	40.714	ug/l	99
69) o-Xylene	12.026	106	75851	20.118	ug/l	99
70) Styrene	12.044	104	127148	20.183	ug/l	99
71) Bromoform	12.209	173	28261	20.978	ug/l #	99
73) Isopropylbenzene	12.331	105	205977	20.749	ug/l	99
74) N-amyl acetate	12.142	43	41219	21.182	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	33336	21.320	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	23807m	18.806	ug/l	
77) Bromobenzene	12.611	156	49177	20.587	ug/l	92
78) n-propylbenzene	12.672	91	240540	20.707	ug/l	98
79) 2-Chlorotoluene	12.758	91	135212	20.587	ug/l	98
80) 1,3,5-Trimethylbenzene	12.813	105	177980	20.624	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	13222	21.521	ug/l	98
82) 4-Chlorotoluene	12.855	91	141648	20.531	ug/l	98
83) tert-Butylbenzene	13.075	119	151450	20.136	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	174709	20.529	ug/l	98
85) sec-Butylbenzene	13.251	105	221874	20.719	ug/l	97
86) p-Isopropyltoluene	13.373	119	192875	20.615	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	95576	20.118	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	95705	20.199	ug/l	100
89) n-Butylbenzene	13.697	91	166373	20.519	ug/l	98
90) Hexachloroethane	13.959	117	35013	20.729	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	85998	20.287	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6968	21.563	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	53333	19.635	ug/l	97
94) Hexachlorobutadiene	15.111	225	33166	20.280	ug/l	99
95) Naphthalene	15.239	128	105160	19.615	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	45291	19.377	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\
Data File : VY012205.D
Acq On : 16 Jan 2023 17:31
Operator : KP/MD
Sample : VY0116SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0116SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 01/17/2023
Supervised By :Mahesh Dadoda 01/17/2023

Quant Time: Jan 17 04:49:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 17 04:31:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\
 Data File : VY012205.D
 Acq On : 16 Jan 2023 17:31
 Operator : KP/MD
 Sample : VY0116SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0116SBSD01

Manual Integrations APPROVED

Reviewed By :Krupa Patel 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

Quant Time: Jan 17 04:49:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

