

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
 Data File : VY012334.D
 Acq On : 24 Jan 2023 11:59
 Operator : KP/MD
 Sample : VY0124SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/25/2023
 Supervised By :Mahesh Dadoda 01/25/2023

Quant Time: Jan 25 01:30:50 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	171106	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	262461	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	238782	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	71750	50.640	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.280%			
35) Dibromofluoromethane	7.716	113	62753	45.155	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 90.300%			
50) Toluene-d8	10.179	98	233851	48.430	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.860%			
62) 4-Bromofluorobenzene	12.483	95	88995	45.427	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 90.860%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	32098	21.466	ug/l	97
3) Chloromethane	2.113	50	28128	20.377	ug/l	99
4) Vinyl Chloride	2.253	62	33405	20.733	ug/l	100
5) Bromomethane	2.643	94	27062	21.724	ug/l	98
6) Chloroethane	2.790	64	22208	21.134	ug/l	99
7) Trichlorofluoromethane	3.125	101	66329	21.093	ug/l	98
8) Diethyl Ether	3.533	74	19236	20.557	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.899	101	32066	20.952	ug/l	95
10) Methyl Iodide	4.094	142	41652	17.908	ug/l	92
11) Tert butyl alcohol	4.942	59	21207	119.578	ug/l #	95
12) 1,1-Dichloroethene	3.875	96	32632	20.765	ug/l	94
13) Acrolein	3.729	56	8785	122.707	ug/l	98
14) Allyl chloride	4.478	41	38996	20.069	ug/l #	83
15) Acrylonitrile	5.161	53	43361	106.089	ug/l	99
16) Acetone	3.948	43	46814	98.255	ug/l	100
17) Carbon Disulfide	4.198	76	97266	20.010	ug/l	98
18) Methyl Acetate	4.478	43	21735	20.387	ug/l #	86
19) Methyl tert-butyl Ether	5.228	73	91404	20.865	ug/l	94
20) Methylene Chloride	4.716	84	42883	16.111	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	36677	20.915	ug/l	93
22) Diisopropyl ether	6.118	45	80262	20.719	ug/l #	91
23) Vinyl Acetate	6.057	43	247720	102.621	ug/l #	89
24) 1,1-Dichloroethane	6.021	63	55635	20.706	ug/l	95
25) 2-Butanone	6.984	43	54355	103.337	ug/l #	84
26) 2,2-Dichloropropane	6.984	77	60241	20.653	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	39913	20.720	ug/l	93
28) Bromochloromethane	7.338	49	11276	19.215	ug/l #	72
29) Tetrahydrofuran	7.350	42	30651	106.086	ug/l #	80
30) Chloroform	7.508	83	67171	21.177	ug/l	97
31) Cyclohexane	7.783	56	49798	19.961	ug/l #	82
32) 1,1,1-Trichloroethane	7.703	97	65705	20.924	ug/l	97
36) 1,1-Dichloropropene	7.917	75	48464	20.519	ug/l	98
37) Ethyl Acetate	7.076	43	21738	20.878	ug/l #	94
38) Carbon Tetrachloride	7.905	117	63791	20.912	ug/l	97
39) Methylcyclohexane	9.185	83	59802	20.719	ug/l	92
40) Benzene	8.161	78	140516	20.613	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
 Data File : VY012334.D
 Acq On : 24 Jan 2023 11:59
 Operator : KP/MD
 Sample : VY0124SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0124SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/25/2023
 Supervised By :Mahesh Dadoda 01/25/2023

Quant Time: Jan 25 01:30:50 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	7.319	41	12774m	20.872	ug/l	
42) 1,2-Dichloroethane	8.240	62	46268	21.319	ug/l	98
43) Isopropyl Acetate	8.270	43	39662	20.474	ug/l #	93
44) Trichloroethene	8.941	130	42103	20.664	ug/l	98
45) 1,2-Dichloropropane	9.215	63	28667	20.153	ug/l	96
46) Dibromomethane	9.307	93	19630	20.614	ug/l	96
47) Bromodichloromethane	9.496	83	49927	20.829	ug/l	97
48) Methyl methacrylate	9.295	41	18011	20.179	ug/l	86
49) 1,4-Dioxane	9.301	88	5568	429.109	ug/l #	92
51) 4-Methyl-2-Pentanone	10.069	43	107214	103.794	ug/l	94
52) Toluene	10.246	92	93717	20.648	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	51949	20.719	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	55146	20.423	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	27731	20.497	ug/l	96
56) Ethyl methacrylate	10.508	69	36431	20.525	ug/l	93
57) 1,3-Dichloropropane	10.788	76	46338	20.972	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	60173	102.455	ug/l #	88
59) 2-Hexanone	10.831	43	81477	103.603	ug/l	94
60) Dibromochloromethane	10.983	129	37448	20.869	ug/l	99
61) 1,2-Dibromoethane	11.087	107	26645	20.410	ug/l	100
64) Tetrachloroethene	10.721	164	47158	21.643	ug/l	94
65) Chlorobenzene	11.514	112	100254	20.520	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	39220	21.268	ug/l	97
67) Ethyl Benzene	11.593	91	181515	20.788	ug/l	99
68) m/p-Xylenes	11.703	106	146822	42.529	ug/l	98
69) o-Xylene	12.032	106	68105	20.654	ug/l	98
70) Styrene	12.044	104	116358	21.119	ug/l	99
71) Bromoform	12.209	173	24583	20.865	ug/l #	98
73) Isopropylbenzene	12.331	105	186354	20.444	ug/l	99
74) N-amyl acetate	12.142	43	34327	19.211	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	29116	20.279	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	20384m	17.536	ug/l	
77) Bromobenzene	12.611	156	43546	19.853	ug/l	91
78) n-propylbenzene	12.672	91	216367	20.284	ug/l	98
79) 2-Chlorotoluene	12.757	91	122009	20.230	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	163922	20.686	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	11651	20.652	ug/l	97
82) 4-Chlorotoluene	12.855	91	128520	20.287	ug/l	97
83) tert-Butylbenzene	13.074	119	138795	20.096	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	161565	20.674	ug/l	99
85) sec-Butylbenzene	13.251	105	199608	20.299	ug/l	97
86) p-Isopropyltoluene	13.367	119	177485	20.659	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	88582	20.305	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	88039	20.236	ug/l	99
89) n-Butylbenzene	13.696	91	148974	20.009	ug/l	98
90) Hexachloroethane	13.958	117	30909	19.929	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	78291	20.113	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5875	19.800	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	47795	19.163	ug/l	99
94) Hexachlorobutadiene	15.111	225	29813	19.853	ug/l	99
95) Naphthalene	15.239	128	95938	19.488	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	41103	19.151	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012423\
 Data File : VY012334.D
 Acq On : 24 Jan 2023 11:59
 Operator : KP/MD
 Sample : VY0124SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
ClientSampleId :
 VY0124SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 01/25/2023
 Supervised By :Mahesh Dadoda 01/25/2023

Quant Time: Jan 25 01:30:50 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\VY012423\
Data File : VY012334.D
Acq On : 24 Jan 2023 11:59
Operator : KP/MD
Sample : VY0124SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/soil
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0124SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 01/25/2023
Supervised By :Mahesh Dadoda 01/25/2023

Quant Time: Jan 25 01:30:50 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

