

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
 Data File : VY012436.D
 Acq On : 01 Feb 2023 12:42
 Operator : KP/MD
 Sample : VY0201SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0201SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/02/2023
 Supervised By :Mahesh Dadoda 02/02/2023

Quant Time: Feb 01 23:03:22 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	179437	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	272618	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	246982	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	128209	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70277	47.016	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	94.040%		
35) Dibromofluoromethane	7.716	113	65988	45.713	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.420%		
50) Toluene-d8	10.179	98	231299	45.890	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	91.780%		
62) 4-Bromofluorobenzene	12.483	95	91552	44.991	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	32434	20.684	ug/l	99
3) Chloromethane	2.113	50	29846	20.617	ug/l	100
4) Vinyl Chloride	2.253	62	36193	21.420	ug/l	99
5) Bromomethane	2.643	94	27997	21.431	ug/l	95
6) Chloroethane	2.796	64	23887	21.677	ug/l	96
7) Trichlorofluoromethane	3.125	101	69278	21.008	ug/l	97
8) Diethyl Ether	3.527	74	21138	21.541	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.899	101	35483	22.108	ug/l	95
10) Methyl Iodide	4.094	142	45413	18.619	ug/l	98
11) Tert butyl alcohol	4.942	59	33283	185.388	ug/l #	74
12) 1,1-Dichloroethene	3.875	96	35997	21.843	ug/l	91
13) Acrolein	3.729	56	7944	100.492	ug/l	97
14) Allyl chloride	4.485	41	43960	21.573	ug/l #	89
15) Acrylonitrile	5.161	53	48386	112.887	ug/l	99
16) Acetone	3.948	43	50904	101.879	ug/l	97
17) Carbon Disulfide	4.198	76	100138	19.644	ug/l	98
18) Methyl Acetate	4.479	43	25049	22.404	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	98679	21.480	ug/l	99
20) Methylene Chloride	4.716	84	58815	23.977	ug/l	88
21) trans-1,2-Dichloroethene	5.222	96	39548	21.505	ug/l	95
22) Diisopropyl ether	6.118	45	91598	22.547	ug/l #	88
23) Vinyl Acetate	6.064	43	275069	108.660	ug/l	95
24) 1,1-Dichloroethane	6.021	63	61978	21.995	ug/l	97
25) 2-Butanone	6.984	43	61096	110.760	ug/l	90
26) 2,2-Dichloropropane	6.984	77	66996	21.902	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	43037	21.305	ug/l	96
28) Bromochloromethane	7.332	49	12820	20.832	ug/l #	76
29) Tetrahydrofuran	7.350	42	33518	110.623	ug/l #	82
30) Chloroform	7.508	83	71103	21.376	ug/l	99
31) Cyclohexane	7.783	56	55447	21.194	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	69640	21.148	ug/l	97
36) 1,1-Dichloropropene	7.923	75	51905	21.157	ug/l	98
37) Ethyl Acetate	7.070	43	23238	21.487	ug/l #	93
38) Carbon Tetrachloride	7.905	117	66163	20.882	ug/l	95
39) Methylcyclohexane	9.185	83	65032	21.692	ug/l	93
40) Benzene	8.161	78	152165	21.490	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
 Data File : VY012436.D
 Acq On : 01 Feb 2023 12:42
 Operator : KP/MD
 Sample : VY0201SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0201SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/02/2023
 Supervised By :Mahesh Dadoda 02/02/2023

Quant Time: Feb 01 23:03:22 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	7.313	41	11666m	18.351	ug/l	
42) 1,2-Dichloroethane	8.240	62	46987	20.844	ug/l	99
43) Isopropyl Acetate	8.271	43	44367	22.050	ug/l #	93
44) Trichloroethene	8.941	130	45581	21.537	ug/l	98
45) 1,2-Dichloropropane	9.215	63	33366	22.583	ug/l	98
46) Dibromomethane	9.307	93	21288	21.522	ug/l	97
47) Bromodichloromethane	9.496	83	53388	21.443	ug/l	100
48) Methyl methacrylate	9.295	41	19643	21.188	ug/l	88
49) 1,4-Dioxane	9.301	88	6384	473.666	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	119523	111.400	ug/l	95
52) Toluene	10.246	92	102737	21.792	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	55382	21.265	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	59237	21.120	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	30705	21.849	ug/l	94
56) Ethyl methacrylate	10.508	69	39420	21.382	ug/l	96
57) 1,3-Dichloropropane	10.788	76	50562	22.031	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	64822	106.258	ug/l	89
59) 2-Hexanone	10.831	43	90536	110.833	ug/l	94
60) Dibromochloromethane	10.983	129	40532	21.746	ug/l	100
61) 1,2-Dibromoethane	11.087	107	29092	21.454	ug/l	99
64) Tetrachloroethene	10.721	164	50825	22.552	ug/l	95
65) Chlorobenzene	11.514	112	109437	21.656	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	42183	22.115	ug/l	97
67) Ethyl Benzene	11.593	91	196487	21.756	ug/l	98
68) m/p-Xylenes	11.703	106	156385	43.795	ug/l	97
69) o-Xylene	12.032	106	74056	21.713	ug/l	98
70) Styrene	12.044	104	124966	21.929	ug/l	99
71) Bromoform	12.209	173	27707	22.736	ug/l #	99
73) Isopropylbenzene	12.331	105	200695	21.708	ug/l	98
74) N-amyl acetate	12.142	43	37781	20.847	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	32033	21.998	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	22341m	18.950	ug/l	
77) Bromobenzene	12.611	156	48023	21.587	ug/l	93
78) n-propylbenzene	12.672	91	236284	21.841	ug/l	99
79) 2-Chlorotoluene	12.758	91	132098	21.596	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	174138	21.667	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	12937	22.610	ug/l	97
82) 4-Chlorotoluene	12.855	91	138646	21.579	ug/l	98
83) tert-Butylbenzene	13.075	119	148150	21.150	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	170617	21.527	ug/l	100
85) sec-Butylbenzene	13.251	105	218593	21.919	ug/l	98
86) p-Isopropyltoluene	13.367	119	188666	21.652	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	96498	21.810	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	94115	21.329	ug/l	99
89) n-Butylbenzene	13.696	91	164259	21.753	ug/l	99
90) Hexachloroethane	13.959	117	33639	21.385	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	85144	21.567	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6448	21.426	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	52153	20.617	ug/l	98
94) Hexachlorobutadiene	15.111	225	32858	21.574	ug/l	98
95) Naphthalene	15.239	128	100419	20.112	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	44999	20.672	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020123\
Data File : VY012436.D
Acq On : 01 Feb 2023 12:42
Operator : KP/MD
Sample : VY0201SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0201SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 02/02/2023
Supervised By :Mahesh Dadoda 02/02/2023

Quant Time: Feb 01 23:03:22 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\VY020123\
 Data File : VY012436.D
 Acq On : 01 Feb 2023 12:42
 Operator : KP/MD
 Sample : VY0201SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0201SBSD01

Manual Integrations APPROVED

Reviewed By :Krupa Patel 02/02/2023
 Supervised By :Mahesh Dadoda 02/02/2023

Quant Time: Feb 01 23:03:22 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

