

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009018.D
 Acq On : 23 May 2022 19:48
 Operator : KP/MD
 Sample : VY0523SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/24/2022
 Supervised By : Mahesh Dadoda 05/24/2022

Quant Time: May 24 01:50:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	99560	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	165928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	164054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90499	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	48007	46.852	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.700%		
35) Dibromofluoromethane	7.710	113	51523	49.935	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.860%		
50) Toluene-d8	10.179	98	166453	43.729	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	87.460%		
62) 4-Bromofluorobenzene	12.477	95	76359	49.729	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.460%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	19846	21.795	ug/l	97
3) Chloromethane	2.107	50	34393	26.364	ug/l	98
4) Vinyl Chloride	2.247	62	52620	27.226	ug/l	98
5) Bromomethane	2.625	94	58186	30.713	ug/l	99
6) Chloroethane	2.778	64	37349	27.278	ug/l	98
7) Trichlorofluoromethane	3.113	101	38752	23.610	ug/l	94
8) Diethyl Ether	3.528	74	11840	23.070	ug/l	80
9) 1,1,2-Trichlorotrifluo...	3.887	101	22621	22.425	ug/l	95
10) Methyl Iodide	4.076	142	16066	15.424	ug/l	94
11) Tert butyl alcohol	4.954	59	10546	101.469	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	20915	22.335	ug/l	88
13) Acrolein	3.723	56	5149	150.510	ug/l	98
14) Allyl chloride	4.466	41	29560	20.946	ug/l #	83
15) Acrylonitrile	5.155	53	33242	115.683	ug/l	95
16) Acetone	3.942	43	24620	115.430	ug/l	92
17) Carbon Disulfide	4.186	76	64299	21.017	ug/l	99
18) Methyl Acetate	4.466	43	15498	23.334	ug/l #	87
19) Methyl tert-butyl Ether	5.210	73	61434	21.857	ug/l	95
20) Methylene Chloride	4.704	84	35237	25.642	ug/l	85
21) trans-1,2-Dichloroethene	5.210	96	26024	21.652	ug/l	85
22) Diisopropyl ether	6.112	45	73658	21.725	ug/l	94
23) Vinyl Acetate	6.058	43	241514	107.688	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	44629	22.008	ug/l	97
25) 2-Butanone	6.978	43	41772	109.650	ug/l #	85
26) 2,2-Dichloropropane	6.972	77	38844	20.794	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	28533	21.059	ug/l	87
28) Bromochloromethane	7.326	49	15854	22.777	ug/l	95
29) Tetrahydrofuran	7.344	42	27934	107.946	ug/l #	86
30) Chloroform	7.496	83	47479	21.690	ug/l	98
31) Cyclohexane	7.777	56	41301	20.604	ug/l	90
32) 1,1,1-Trichloroethane	7.698	97	42427	21.363	ug/l	99
36) 1,1-Dichloropropene	7.911	75	36635	20.863	ug/l	98
37) Ethyl Acetate	7.070	43	19841	21.783	ug/l #	95
38) Carbon Tetrachloride	7.893	117	37308	20.311	ug/l	94
39) Methylcyclohexane	9.179	83	44498	19.633	ug/l	89
40) Benzene	8.155	78	105572	20.850	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009018.D
 Acq On : 23 May 2022 19:48
 Operator : KP/MD
 Sample : VY0523SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0523SBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/24/2022
 Supervised By : Mahesh Dadoda 05/24/2022

Quant Time: May 24 01:50:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	9286m	19.756	ug/l	
42) 1,2-Dichloroethane	8.234	62	32933	22.150	ug/l	93
43) Isopropyl Acetate	8.265	43	37330	22.041	ug/l #	93
44) Trichloroethene	8.935	130	27925	20.829	ug/l	91
45) 1,2-Dichloropropane	9.209	63	26960	22.175	ug/l	96
46) Dibromomethane	9.301	93	16564	21.426	ug/l	90
47) Bromodichloromethane	9.496	83	38516	21.800	ug/l	96
48) Methyl methacrylate	9.289	41	16996	22.474	ug/l	86
49) 1,4-Dioxane	9.295	88	4200	406.411	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	102530	109.386	ug/l	93
52) Toluene	10.240	92	71763	20.280	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	38293	20.410	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	42445	21.044	ug/l	89
55) 1,1,2-Trichloroethane	10.642	97	22799	21.079	ug/l	98
56) Ethyl methacrylate	10.508	69	28586	20.673	ug/l	89
57) 1,3-Dichloropropane	10.788	76	37836	21.445	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.783	63	61671	103.088	ug/l	96
59) 2-Hexanone	10.831	43	72304	112.665	ug/l	93
60) Dibromochloromethane	10.984	129	26984	20.581	ug/l	100
61) 1,2-Dibromoethane	11.087	107	22782	21.256	ug/l	98
64) Tetrachloroethene	10.715	164	23932	20.042	ug/l	94
65) Chlorobenzene	11.514	112	76875	20.416	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	28847	20.922	ug/l	96
67) Ethyl Benzene	11.587	91	136224	20.075	ug/l	98
68) m/p-Xylenes	11.697	106	109648	39.804	ug/l	92
69) o-Xylene	12.026	106	51776	20.240	ug/l	89
70) Styrene	12.044	104	87191	19.820	ug/l	96
71) Bromoform	12.203	173	17211	18.831	ug/l #	99
73) Isopropylbenzene	12.331	105	135808	20.069	ug/l	99
74) N-amyl acetate	12.142	43	35368	22.653	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	29512	21.171	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	20177m	20.761	ug/l	
77) Bromobenzene	12.605	156	31368	19.997	ug/l	97
78) n-propylbenzene	12.666	91	172377	22.048	ug/l	99
79) 2-Chlorotoluene	12.758	91	91912	20.381	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	115494	20.362	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	9217	19.466	ug/l	93
82) 4-Chlorotoluene	12.849	91	98846	20.493	ug/l	97
83) tert-Butylbenzene	13.075	119	102223	20.314	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	116222	20.641	ug/l	97
85) sec-Butylbenzene	13.251	105	159427	20.707	ug/l	99
86) p-Isopropyltoluene	13.367	119	131384	20.464	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	68488	20.467	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	69639	20.715	ug/l	99
89) n-Butylbenzene	13.696	91	126276	21.499	ug/l	99
90) Hexachloroethane	13.953	117	19011	15.801	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	61468	20.810	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3935	18.182	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	33718	20.799	ug/l	100
94) Hexachlorobutadiene	15.111	225	18721	21.189	ug/l	97
95) Naphthalene	15.233	128	68866	21.147	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	29286	20.789	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
Data File : VY009018.D
Acq On : 23 May 2022 19:48
Operator : KP/MD
Sample : VY0523SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBSD01

Manual Integrations
APPROVED

Reviewed By : John Carlone 05/24/2022
Supervised By : Mahesh Dadoda 05/24/2022

Quant Time: May 24 01:50:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
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\VY052322\
Data File : VY009018.D
Acq On : 23 May 2022 19:48
Operator : KP/MD
Sample : VY0523SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0523SBSD01

Manual Integrations
APPROVED

Reviewed By : John Carlone 05/24/2022
Supervised By : Mahesh Dadoda 05/24/2022

Quant Time: May 24 01:50:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
Quant Title : SW846 8260
QLast Update : Fri May 20 23:50:52 2022
Response via : Initial Calibration

