

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009716.D
 Acq On : 27 Jul 2022 11:56
 Operator : KP/MD
 Sample : VY0727SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022

Quant Time: Jul 28 02:44:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	188745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	286635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	262613	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	138649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	63180	50.325	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.660%	
35) Dibromofluoromethane	7.710	113	72164	46.291	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 92.580%	
50) Toluene-d8	10.179	98	223302	49.108	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 98.220%	
62) 4-Bromofluorobenzene	12.477	95	103388	50.016	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 100.040%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	34288	20.406	ug/l	98
3) Chloromethane	2.107	50	48576	23.611	ug/l	99
4) Vinyl Chloride	2.241	62	51490	22.427	ug/l	99
5) Bromomethane	2.637	94	36883	23.173	ug/l	100
6) Chloroethane	2.784	64	31692	23.075	ug/l	98
7) Trichlorofluoromethane	3.113	101	63063	20.793	ug/l	88
8) Diethyl Ether	3.521	74	19565	19.902	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.887	101	35128	20.482	ug/l	94
10) Methyl Iodide	4.076	142	44751	20.110	ug/l	89
11) Tert butyl alcohol	4.954	59	18778	100.643	ug/l	97
12) 1,1-Dichloroethene	3.857	96	33775	20.947	ug/l	84
13) Acrolein	3.723	56	3644	116.032	ug/l	99
14) Allyl chloride	4.472	41	53598	21.142	ug/l #	91
15) Acrylonitrile	5.149	53	48806	103.084	ug/l	98
16) Acetone	3.942	43	39398	87.303	ug/l #	88
17) Carbon Disulfide	4.180	76	108053	21.781	ug/l	99
18) Methyl Acetate	4.466	43	25562	21.276	ug/l	91
19) Methyl tert-butyl Ether	5.210	73	86820	19.718	ug/l	99
20) Methylene Chloride	4.698	84	48551	15.785	ug/l	85
21) trans-1,2-Dichloroethene	5.204	96	39430	21.046	ug/l	85
22) Diisopropyl ether	6.106	45	115949	21.477	ug/l	97
23) Vinyl Acetate	6.051	43	355152	102.332	ug/l	95
24) 1,1-Dichloroethane	6.009	63	66457	21.240	ug/l	98
25) 2-Butanone	6.978	43	62835	94.384	ug/l #	86
26) 2,2-Dichloropropane	6.972	77	58372	19.625	ug/l	94
27) cis-1,2-Dichloroethene	6.978	96	42767	20.350	ug/l	90
28) Bromochloromethane	7.326	49	22772	20.190	ug/l #	84
29) Tetrahydrofuran	7.338	42	42391	100.551	ug/l	91
30) Chloroform	7.502	83	68112	20.809	ug/l	100
31) Cyclohexane	7.777	56	61515	20.484	ug/l	87
32) 1,1,1-Trichloroethane	7.697	97	61042	20.777	ug/l	97
36) 1,1-Dichloropropene	7.911	75	54246	21.385	ug/l	97
37) Ethyl Acetate	7.070	43	30673	20.402	ug/l #	95
38) Carbon Tetrachloride	7.893	117	55282	20.338	ug/l	98
39) Methylcyclohexane	9.179	83	63822	20.311	ug/l	91
40) Benzene	8.155	78	159083	21.166	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
 Data File : VY009716.D
 Acq On : 27 Jul 2022 11:56
 Operator : KP/MD
 Sample : VY0727SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022

Quant Time: Jul 28 02:44:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	14653	19.130	ug/l #	41
42) 1,2-Dichloroethane	8.228	62	43778	20.892	ug/l	91
43) Isopropyl Acetate	8.271	43	52889	20.135	ug/l #	92
44) Trichloroethene	8.935	130	43832	20.329	ug/l	97
45) 1,2-Dichloropropane	9.209	63	38852	21.290	ug/l	94
46) Dibromomethane	9.301	93	22624	20.838	ug/l	97
47) Bromodichloromethane	9.496	83	51604	20.689	ug/l	99
48) Methyl methacrylate	9.289	41	23715	20.532	ug/l	87
49) 1,4-Dioxane	9.295	88	5912	423.724	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	141182	105.655	ug/l	93
52) Toluene	10.240	92	99356	21.105	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	52087	20.222	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	60481	20.444	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	31459	20.493	ug/l	97
56) Ethyl methacrylate	10.508	69	38257	20.004	ug/l #	85
57) 1,3-Dichloropropane	10.788	76	51552	20.649	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	64996	83.873	ug/l	95
59) 2-Hexanone	10.831	43	94061	98.772	ug/l	92
60) Dibromochloromethane	10.983	129	38047	20.492	ug/l	100
61) 1,2-Dibromoethane	11.087	107	30277	20.248	ug/l	99
64) Tetrachloroethene	10.715	164	41843	20.208	ug/l	98
65) Chlorobenzene	11.514	112	107511	20.401	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	39310	20.046	ug/l	97
67) Ethyl Benzene	11.593	91	184814	20.290	ug/l	98
68) m/p-Xylenes	11.703	106	149710	41.404	ug/l	91
69) o-Xylene	12.026	106	68433	20.238	ug/l	91
70) Styrene	12.044	104	115712	20.361	ug/l	94
71) Bromoform	12.209	173	25264	20.175	ug/l #	96
73) Isopropylbenzene	12.325	105	184337	20.000	ug/l	100
74) N-amyl acetate	12.142	43	45909	19.284	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	35750	19.720	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	25909m	20.118	ug/l	
77) Bromobenzene	12.605	156	46892	20.486	ug/l	86
78) n-propylbenzene	12.666	91	223085	20.367	ug/l	98
79) 2-Chlorotoluene	12.751	91	123472	19.918	ug/l	94
80) 1,3,5-Trimethylbenzene	12.812	105	155356	20.338	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	12122	18.762	ug/l	86
82) 4-Chlorotoluene	12.855	91	128448	19.919	ug/l	95
83) tert-Butylbenzene	13.075	119	134999	19.666	ug/l	92
84) 1,2,4-Trimethylbenzene	13.117	105	153626	19.953	ug/l	97
85) sec-Butylbenzene	13.251	105	200540	19.897	ug/l	99
86) p-Isopropyltoluene	13.367	119	167338	19.630	ug/l	95
87) 1,3-Dichlorobenzene	13.361	146	91638	19.827	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	91152	19.584	ug/l	98
89) n-Butylbenzene	13.696	91	151545	19.404	ug/l	99
90) Hexachloroethane	13.959	117	32538	19.404	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	81762	19.808	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5550	18.218	ug/l	74
93) 1,2,4-Trichlorobenzene	15.007	180	46849	17.983	ug/l	99
94) Hexachlorobutadiene	15.111	225	29497	18.701	ug/l	99
95) Naphthalene	15.233	128	85108	17.429	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	40505	17.776	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072722\
Data File : VY009716.D
Acq On : 27 Jul 2022 11:56
Operator : KP/MD
Sample : VY0727SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0727SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 07/28/2022
Supervised By :Mahesh Dadoda 07/28/2022

Quant Time: Jul 28 02:44:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
Quant Title : SW846 8260
QLast Update : Wed Jul 27 04:24:58 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\VY072722\
 Data File : VY009716.D
 Acq On : 27 Jul 2022 11:56
 Operator : KP/MD
 Sample : VY0727SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/soil
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0727SBSD01

Manual Integrations APPROVED

Reviewed By :Krupa Patel 07/28/2022
 Supervised By :Mahesh Dadoda 07/28/2022

Quant Time: Jul 28 02:44:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

