

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010044.D
 Acq On : 16 Aug 2022 15:16
 Operator : KP/MD
 Sample : VY0816SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0816SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/17/2022
 Supervised By :Mahesh Dadoda 08/17/2022

Quant Time: Aug 16 16:54:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 07:01:08 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	106064	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	149277	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	136397	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	70629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	47790	45.064	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.120%		
35) Dibromofluoromethane	7.710	113	47579	49.149	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.300%		
50) Toluene-d8	10.173	98	179355	50.077	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	100.160%		
62) 4-Bromofluorobenzene	12.477	95	58105	46.189	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.380%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	18578	21.397	ug/l	99
3) Chloromethane	2.107	50	21727	17.707	ug/l	97
4) Vinyl Chloride	2.241	62	28745	19.055	ug/l	98
5) Bromomethane	2.637	94	23142	19.652	ug/l	96
6) Chloroethane	2.784	64	19105	18.390	ug/l	95
7) Trichlorofluoromethane	3.113	101	36042	20.113	ug/l	98
8) Diethyl Ether	3.521	74	8822	17.578	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	19452	20.470	ug/l	99
10) Methyl Iodide	4.076	142	20227	17.982	ug/l	99
11) Tert butyl alcohol	4.942	59	8714	92.096	ug/l	97
12) 1,1-Dichloroethene	3.863	96	16214	18.643	ug/l	93
13) Acrolein	3.723	56	5787	81.751	ug/l	95
14) Allyl chloride	4.472	41	23192	18.145	ug/l	99
15) Acrylonitrile	5.143	53	18857	79.684	ug/l	100
16) Acetone	3.936	43	16221	71.412	ug/l	99
17) Carbon Disulfide	4.180	76	40371	16.206	ug/l	99
18) Methyl Acetate	4.466	43	9806	17.495	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	40611	16.995	ug/l	98
20) Methylene Chloride	4.698	84	23592	20.461	ug/l	95
21) trans-1,2-Dichloroethene	5.204	96	18270	18.266	ug/l	93
22) Diisopropyl ether	6.106	45	51580	20.518	ug/l	98
23) Vinyl Acetate	6.051	43	145578	91.771	ug/l	98
24) 1,1-Dichloroethane	6.003	63	32411	20.300	ug/l	98
25) 2-Butanone	6.972	43	25815	83.074	ug/l	99
26) 2,2-Dichloropropane	6.972	77	31100	18.535	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	21111	19.194	ug/l	99
28) Bromochloromethane	7.326	49	11558	17.397	ug/l	98
29) Tetrahydrofuran	7.344	42	15593	77.254	ug/l	98
30) Chloroform	7.496	83	37127	19.015	ug/l	99
31) Cyclohexane	7.777	56	26600	17.752	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	35783	20.217	ug/l	99
36) 1,1-Dichloropropene	7.911	75	25871	19.184	ug/l	98
37) Ethyl Acetate	7.069	43	11759	17.315	ug/l	97
38) Carbon Tetrachloride	7.893	117	33705	20.322	ug/l	97
39) Methylcyclohexane	9.179	83	29544	19.445	ug/l	100
40) Benzene	8.149	78	74698	18.934	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
 Data File : VY010044.D
 Acq On : 16 Aug 2022 15:16
 Operator : KP/MD
 Sample : VY0816SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0816SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/17/2022
 Supervised By :Mahesh Dadoda 08/17/2022

Quant Time: Aug 16 16:54:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 07:01:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	4874m	13.895	ug/l	
42) 1,2-Dichloroethane	8.228	62	22454	18.266	ug/l	100
43) Isopropyl Acetate	8.264	43	22075	17.125	ug/l	99
44) Trichloroethene	8.935	130	22654	18.998	ug/l	94
45) 1,2-Dichloropropane	9.209	63	17593	18.860	ug/l	98
46) Dibromomethane	9.301	93	10522	17.611	ug/l	99
47) Bromodichloromethane	9.490	83	27881	19.347	ug/l	99
48) Methyl methacrylate	9.289	41	9450	16.848	ug/l	98
49) 1,4-Dioxane	9.289	88	2263	383.783	ug/l	98
51) 4-Methyl-2-Pentanone	10.069	43	57671	81.092	ug/l	98
52) Toluene	10.240	92	49400	19.427	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	23102	16.646	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	28153	18.545	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	15008	18.187	ug/l	97
56) Ethyl methacrylate	10.508	69	15547	16.301	ug/l	97
57) 1,3-Dichloropropane	10.788	76	23828	18.037	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	41125	99.637	ug/l	99
59) 2-Hexanone	10.831	43	38476	86.491	ug/l	98
60) Dibromochloromethane	10.977	129	19529	17.867	ug/l	96
61) 1,2-Dibromoethane	11.087	107	13858	17.232	ug/l	99
64) Tetrachloroethene	10.715	164	21812	18.728	ug/l	93
65) Chlorobenzene	11.514	112	55577	19.547	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	21831	19.378	ug/l	97
67) Ethyl Benzene	11.587	91	94822	19.892	ug/l	99
68) m/p-Xylenes	11.697	106	76528	40.413	ug/l	98
69) o-Xylene	12.026	106	35075	19.827	ug/l	98
70) Styrene	12.038	104	58718	19.669	ug/l	100
71) Bromoform	12.203	173	12650	17.923	ug/l #	98
73) Isopropylbenzene	12.325	105	92819	21.026	ug/l	98
74) N-amyl acetate	12.142	43	19283	18.673	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	15405	17.554	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	12672m	18.928	ug/l	
77) Bromobenzene	12.605	156	23687	20.197	ug/l	87
78) n-propylbenzene	12.666	91	109294	20.082	ug/l	97
79) 2-Chlorotoluene	12.751	91	60913	19.792	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	80656	20.973	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	4532	15.298	ug/l	94
82) 4-Chlorotoluene	12.849	91	63439	19.704	ug/l	97
83) tert-Butylbenzene	13.075	119	72686	21.509	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	79177	20.969	ug/l	99
85) sec-Butylbenzene	13.251	105	103504	20.970	ug/l	99
86) p-Isopropyltoluene	13.367	119	86931	20.550	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	47751	19.995	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	47223	19.587	ug/l	99
89) n-Butylbenzene	13.696	91	76589	20.322	ug/l	98
90) Hexachloroethane	13.958	117	18043	21.043	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	41834	19.696	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2640	17.502	ug/l	99
93) 1,2,4-Trichlorobenzene	15.007	180	24112	19.001	ug/l	99
94) Hexachlorobutadiene	15.105	225	16826	20.720	ug/l	99
95) Naphthalene	15.233	128	40003	18.412	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	21630	19.367	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081622\
Data File : VY010044.D
Acq On : 16 Aug 2022 15:16
Operator : KP/MD
Sample : VY0816SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0816SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 08/17/2022
Supervised By :Mahesh Dadoda 08/17/2022

Quant Time: Aug 16 16:54:44 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 16 07:01:08 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\VY081622\
 Data File : VY010044.D
 Acq On : 16 Aug 2022 15:16
 Operator : KP/MD
 Sample : VY0816SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0816SBSD01

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/17/2022
 Supervised By :Mahesh Dadoda 08/17/2022

Quant Time: Aug 16 16:54:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081522S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 16 07:01:08 2022
 Response via : Initial Calibration

