

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082222\
 Data File : VY010146.D
 Acq On : 22 Aug 2022 16:09
 Operator : KP/MD
 Sample : VY0822SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/23/2022
 Supervised By :Mahesh Dadoda 08/23/2022

Quant Time: Aug 22 16:40:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	221716	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	351732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	330039	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	170412	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	90091	49.608	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.220%		
35) Dibromofluoromethane	7.710	113	97057	48.971	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.940%		
50) Toluene-d8	10.179	98	331982	44.702	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	89.400%		
62) 4-Bromofluorobenzene	12.477	95	131940	49.724	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	99.440%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	28928	17.506	ug/l	98
3) Chloromethane	2.107	50	31719	17.060	ug/l	97
4) Vinyl Chloride	2.241	62	34735	17.150	ug/l	97
5) Bromomethane	2.637	94	31678	20.661	ug/l	96
6) Chloroethane	2.784	64	26470	20.479	ug/l	99
7) Trichlorofluoromethane	3.113	101	64347	18.748	ug/l	98
8) Diethyl Ether	3.515	74	24005	20.491	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.881	101	40288	18.908	ug/l	96
10) Methyl Iodide	4.076	142	47167	17.923	ug/l	99
11) Tert butyl alcohol	4.954	59	22509	125.014	ug/l	97
12) 1,1-Dichloroethene	3.857	96	37783	18.485	ug/l	100
13) Acrolein	3.723	56	12151	121.412	ug/l	95
14) Allyl chloride	4.466	41	62914	20.812	ug/l	99
15) Acrylonitrile	5.149	53	63760	113.217	ug/l	98
16) Acetone	3.936	43	50266	110.590	ug/l	96
17) Carbon Disulfide	4.180	76	98943	15.254	ug/l	99
18) Methyl Acetate	4.472	43	31670	22.742	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	111459	22.007	ug/l	96
20) Methylene Chloride	4.698	84	64614	20.146	ug/l	96
21) trans-1,2-Dichloroethene	5.210	96	43875	18.932	ug/l	97
22) Diisopropyl ether	6.112	45	143262	22.562	ug/l	98
23) Vinyl Acetate	6.045	43	431708	112.030	ug/l	99
24) 1,1-Dichloroethane	6.009	63	81337	21.257	ug/l	98
25) 2-Butanone	6.978	43	81663	111.693	ug/l	96
26) 2,2-Dichloropropane	6.972	77	70619	20.624	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	51774	20.193	ug/l	96
28) Bromochloromethane	7.326	49	25152	19.344	ug/l	94
29) Tetrahydrofuran	7.338	42	52494	112.271	ug/l	98
30) Chloroform	7.502	83	84520	21.122	ug/l	99
31) Cyclohexane	7.777	56	67288	18.084	ug/l	97
32) 1,1,1-Trichloroethane	7.698	97	72666	20.830	ug/l	99
36) 1,1-Dichloropropene	7.911	75	60009	18.969	ug/l	99
37) Ethyl Acetate	7.070	43	36276	22.586	ug/l	98
38) Carbon Tetrachloride	7.893	117	66340	19.995	ug/l	94
39) Methylcyclohexane	9.179	83	70564	18.088	ug/l	95
40) Benzene	8.155	78	186344	20.025	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082222\
 Data File : VY010146.D
 Acq On : 22 Aug 2022 16:09
 Operator : KP/MD
 Sample : VY0822SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/23/2022
 Supervised By :Mahesh Dadoda 08/23/2022

Quant Time: Aug 22 16:40:15 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 22 02:37:07 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	18629m	20.233	ug/l	
42) 1,2-Dichloroethane	8.234	62	51758	21.687	ug/l	99
43) Isopropyl Acetate	8.271	43	65238	22.499	ug/l	98
44) Trichloroethene	8.935	130	52327	19.618	ug/l	97
45) 1,2-Dichloropropane	9.209	63	47267	21.107	ug/l	99
46) Dibromomethane	9.301	93	26593	20.297	ug/l	100
47) Bromodichloromethane	9.496	83	64432	21.131	ug/l	99
48) Methyl methacrylate	9.289	41	28679	22.106	ug/l	97
49) 1,4-Dioxane	9.295	88	6495	428.011	ug/l	96
51) 4-Methyl-2-Pentanone	10.069	43	179730	114.568	ug/l	98
52) Toluene	10.240	92	117673	19.945	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	65856	21.133	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	74826	20.584	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	40363	21.393	ug/l	96
56) Ethyl methacrylate	10.508	69	51427	21.612	ug/l	98
57) 1,3-Dichloropropane	10.788	76	65174	20.954	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	117141	123.417	ug/l	98
59) 2-Hexanone	10.831	43	122539	113.918	ug/l	96
60) Dibromochloromethane	10.984	129	48340	21.022	ug/l	99
61) 1,2-Dibromoethane	11.087	107	37256	20.289	ug/l	100
64) Tetrachloroethene	10.715	164	48916	18.362	ug/l	98
65) Chlorobenzene	11.514	112	129917	19.572	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	49513	20.179	ug/l	99
67) Ethyl Benzene	11.593	91	226410	19.574	ug/l	99
68) m/p-Xylenes	11.703	106	177070	39.254	ug/l	99
69) o-Xylene	12.026	106	84455	20.107	ug/l	99
70) Styrene	12.044	104	144896	20.216	ug/l	98
71) Bromoform	12.209	173	31167	20.634	ug/l #	99
73) Isopropylbenzene	12.331	105	222570	19.414	ug/l	99
74) N-amyl acetate	12.142	43	59108	21.388	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	47245	20.602	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	34179m	21.416	ug/l	
77) Bromobenzene	12.605	156	54782	19.644	ug/l	97
78) n-propylbenzene	12.672	91	278317	19.772	ug/l	100
79) 2-Chlorotoluene	12.758	91	155052	19.555	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	194084	20.234	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	16455	20.709	ug/l	97
82) 4-Chlorotoluene	12.855	91	163832	19.931	ug/l	99
83) tert-Butylbenzene	13.075	119	165604	19.804	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	195435	20.572	ug/l	99
85) sec-Butylbenzene	13.251	105	251757	19.857	ug/l	99
86) p-Isopropyltoluene	13.367	119	209727	20.068	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	112884	20.103	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	112973	20.093	ug/l	99
89) n-Butylbenzene	13.696	91	196899	20.017	ug/l	99
90) Hexachloroethane	13.959	117	41821	19.626	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	101642	20.391	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7625	21.748	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	63400	21.453	ug/l	99
94) Hexachlorobutadiene	15.111	225	37545	21.399	ug/l	99
95) Naphthalene	15.233	128	123679	21.700	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	54833	21.291	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082222\
Data File : VY010146.D
Acq On : 22 Aug 2022 16:09
Operator : KP/MD
Sample : VY0822SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBSD01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 08/23/2022
Supervised By :Mahesh Dadoda 08/23/2022

Quant Time: Aug 22 16:40:15 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081922S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 22 02:37:07 2022
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

