

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080322\
 Data File : VY009818.D
 Acq On : 03 Aug 2022 14:02
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 04 00:49:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 00:44:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.782	168	51483	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	81321	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	81123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	40584	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	39466	77.594	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 155.180%	
35) Dibromofluoromethane	7.709	113	42951	86.626	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 173.260%#	
50) Toluene-d8	10.172	98	143957	83.073	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	= 166.140%#	
62) 4-Bromofluorobenzene	12.477	95	65642	97.768	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	= 195.540%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.899	85	46177	85.099	ug/l	100
3) Chloromethane	2.107	50	66649	89.548	ug/l	98
4) Vinyl Chloride	2.241	62	70924	90.883	ug/l	97
5) Bromomethane	2.631	94	46392	87.729	ug/l	96
6) Chloroethane	2.777	64	45094	88.819	ug/l	97
7) Trichlorofluoromethane	3.107	101	98919	95.077	ug/l	97
8) Diethyl Ether	3.521	74	30299	96.796	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.881	101	53065	93.236	ug/l	98
10) Methyl Iodide	4.076	142	68533	113.738	ug/l	100
11) Tert butyl alcohol	4.948	59	24870	465.353	ug/l #	93
12) 1,1-Dichloroethene	3.856	96	49899	95.979	ug/l	99
13) Acrolein	3.710	56	2757	382.397	ug/l	100
14) Allyl chloride	4.466	41	91691	105.103	ug/l	97
15) Acrylonitrile	5.149	53	84544	508.774	ug/l	99
16) Acetone	3.936	43	69572	477.390	ug/l	96
17) Carbon Disulfide	4.179	76	152860	94.326	ug/l	100
18) Methyl Acetate	4.466	43	39665	91.229	ug/l	99
19) Methyl tert-butyl Ether	5.210	73	143562	107.643	ug/l	100
20) Methylene Chloride	4.698	84	61864	68.238	ug/l	98
21) trans-1,2-Dichloroethene	5.204	96	58814	99.503	ug/l	98
22) Diisopropyl ether	6.106	45	208410	107.894	ug/l	97
23) Vinyl Acetate	6.045	43	686571	556.927	ug/l	98
24) 1,1-Dichloroethane	6.002	63	104301	99.766	ug/l	99
25) 2-Butanone	6.978	43	118415	496.751	ug/l	98
26) 2,2-Dichloropropane	6.972	77	90617	93.244	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	66288	100.419	ug/l	97
28) Bromochloromethane	7.325	49	41295	101.316	ug/l	98
29) Tetrahydrofuran	7.337	42	81305	529.564	ug/l	97
30) Chloroform	7.496	83	106581	97.424	ug/l	98
31) Cyclohexane	7.776	56	96934	99.508	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	92597	97.676	ug/l	100
36) 1,1-Dichloropropene	7.911	75	82395	100.166	ug/l	99
37) Ethyl Acetate	7.063	43	53151	99.202	ug/l	98
38) Carbon Tetrachloride	7.886	117	85610	98.957	ug/l	98
39) Methylcyclohexane	9.179	83	105758	110.818	ug/l	100
40) Benzene	8.154	78	245500	98.386	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080322\
 Data File : VY009818.D
 Acq On : 03 Aug 2022 14:02
 Operator : KP/MD
 Sample : VSTDICC100
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC100

Quant Time: Aug 04 00:49:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 00:44:40 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	30232m	56.157	ug/l	
42) 1,2-Dichloroethane	8.228	62	69601	97.142	ug/l	99
43) Isopropyl Acetate	8.264	43	97966	104.940	ug/l	100
44) Trichloroethene	8.935	130	69636	104.716	ug/l	95
45) 1,2-Dichloropropane	9.209	63	66592	106.792	ug/l	98
46) Dibromomethane	9.301	93	41130	106.999	ug/l	98
47) Bromodichloromethane	9.489	83	94483	106.360	ug/l	96
48) Methyl methacrylate	9.288	41	49836	116.464	ug/l	96
49) 1,4-Dioxane	9.288	88	10769	2534.532	ug/l	99
51) 4-Methyl-2-Pentanone	10.063	43	286471	544.019	ug/l	99
52) Toluene	10.239	92	163983	104.296	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	92601	106.352	ug/l	100
54) cis-1,3-Dichloropropene	9.922	75	107235	109.131	ug/l	97
55) 1,1,2-Trichloroethane	10.642	97	52671	102.264	ug/l	98
56) Ethyl methacrylate	10.508	69	78235	120.831	ug/l	98
57) 1,3-Dichloropropane	10.788	76	96625	110.463	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	170856	542.003	ug/l	99
59) 2-Hexanone	10.831	43	209536	574.308	ug/l	100
60) Dibromochloromethane	10.983	129	62283	101.123	ug/l	99
61) 1,2-Dibromoethane	11.087	107	50350	100.187	ug/l	98
64) Tetrachloroethene	10.715	164	63772	99.085	ug/l	99
65) Chlorobenzene	11.514	112	171238	97.167	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	64953	99.338	ug/l	99
67) Ethyl Benzene	11.587	91	329230	107.590	ug/l	99
68) m/p-Xylenes	11.696	106	255095	212.369	ug/l	100
69) o-Xylene	12.026	106	114950	107.098	ug/l	100
70) Styrene	12.038	104	202023	110.035	ug/l	98
71) Bromoform	12.202	173	39575	100.933	ug/l #	100
73) Isopropylbenzene	12.324	105	297400	105.503	ug/l	100
74) N-amyl acetate	12.141	43	103167	115.734	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.580	83	61753	97.199	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	43908m	58.146	ug/l	
77) Bromobenzene	12.605	156	68081	96.194	ug/l	96
78) n-propylbenzene	12.666	91	375885	105.684	ug/l	99
79) 2-Chlorotoluene	12.757	91	204369	103.192	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	247502	104.080	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	23293	107.683	ug/l	97
82) 4-Chlorotoluene	12.849	91	212941	101.933	ug/l	100
83) tert-Butylbenzene	13.074	119	214040	105.303	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	247616	105.619	ug/l	99
85) sec-Butylbenzene	13.251	105	330016	106.204	ug/l	100
86) p-Isopropyltoluene	13.367	119	273014	108.341	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	138479	99.575	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	139150	98.301	ug/l	99
89) n-Butylbenzene	13.696	91	268539	108.814	ug/l	100
90) Hexachloroethane	13.958	117	53535	98.909	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	125122	98.299	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	9679	97.193	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	74154	105.008	ug/l	98
94) Hexachlorobutadiene	15.110	225	39841	96.317	ug/l	97
95) Naphthalene	15.232	128	161897	115.473	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	65227	104.428	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080322\
Data File : VY009818.D
Acq On : 03 Aug 2022 14:02
Operator : KP/MD
Sample : VSTDICC100
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC100

Quant Time: Aug 04 00:49:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 04 00:44:40 2022
Response via : Initial Calibration

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

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

