

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121522\
 Data File : VD075027.D
 Acq On : 15 Dec 2022 14:36
 Operator : KP/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 16 05:03:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121522S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 16 05:00:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	177664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	290661	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	264184	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	125041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	149800	102.345	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 204.680%#	
35) Dibromofluoromethane	7.810	113	209307	106.757	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 213.520%#	
50) Toluene-d8	10.269	98	723170	103.256	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 206.520%#	
62) 4-Bromofluorobenzene	12.575	95	215564	104.955	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 209.920%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	98439	86.176	ug/l	98
3) Chloromethane	2.146	50	156544	83.573	ug/l	96
4) Vinyl Chloride	2.281	62	207958	90.433	ug/l	98
5) Bromomethane	2.675	94	160785	84.786	ug/l	97
6) Chloroethane	2.834	64	159208	93.217	ug/l	100
7) Trichlorofluoromethane	3.175	101	263745	92.962	ug/l	96
8) Diethyl Ether	3.593	74	86291	102.755	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	178755	95.862	ug/l	99
10) Methyl Iodide	4.169	142	223237	110.547	ug/l	99
11) Tert butyl alcohol	5.058	59	47702	511.417	ug/l #	88
12) 1,1-Dichloroethene	3.940	96	170472	97.414	ug/l	98
13) Acrolein	3.799	56	94264	515.947	ug/l	99
14) Allyl chloride	4.564	41	203225	101.262	ug/l	98
15) Acrylonitrile	5.258	53	187140	530.748	ug/l	99
16) Acetone	4.022	43	200591	566.878	ug/l	97
17) Carbon Disulfide	4.275	76	369881	91.700	ug/l	99
18) Methyl Acetate	4.564	43	85855	87.344	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	397011	106.164	ug/l	97
20) Methylene Chloride	4.805	84	214347	55.415	ug/l	98
21) trans-1,2-Dichloroethene	5.316	96	187575	96.491	ug/l	96
22) Diisopropyl ether	6.216	45	478818	105.883	ug/l	99
23) Vinyl Acetate	6.158	43	1009285m	637.389	ug/l	
24) 1,1-Dichloroethane	6.116	63	318816	96.692	ug/l	99
25) 2-Butanone	7.087	43	237740	544.407	ug/l	96
26) 2,2-Dichloropropane	7.081	77	296245	98.559	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	231860	100.726	ug/l	98
28) Bromochloromethane	7.428	49	105150	102.856	ug/l	99
29) Tetrahydrofuran	7.440	42	125439	555.407	ug/l	99
30) Chloroform	7.599	83	354707	103.577	ug/l	99
31) Cyclohexane	7.881	56	205730	91.417	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	304273	104.818	ug/l	99
36) 1,1-Dichloropropene	8.010	75	207623	94.056	ug/l	99
37) Ethyl Acetate	7.175	43	90402	103.210	ug/l	98
38) Carbon Tetrachloride	7.993	117	197970	99.153	ug/l	97
39) Methylcyclohexane	9.275	83	241527	100.382	ug/l	97
40) Benzene	8.252	78	631331	96.709	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121522\
 Data File : VD075027.D
 Acq On : 15 Dec 2022 14:36
 Operator : KP/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Quant Time: Dec 16 05:03:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121522S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 16 05:00:18 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	49478	102.271	ug/l #	88
42) 1,2-Dichloroethane	8.328	62	154642	96.078	ug/l	100
43) Isopropyl Acetate	8.363	43	153961	104.741	ug/l	99
44) Trichloroethene	9.028	130	177027	96.858	ug/l	98
45) 1,2-Dichloropropane	9.304	63	159791	98.037	ug/l	96
46) Dibromomethane	9.393	93	86934	97.203	ug/l	97
47) Bromodichloromethane	9.587	83	223104	97.878	ug/l	99
48) Methyl methacrylate	9.381	41	71204	103.973	ug/l	95
49) 1,4-Dioxane	9.387	88	19066	2167.839	ug/l	97
51) 4-Methyl-2-Pentanone	10.163	43	409282	534.576	ug/l	98
52) Toluene	10.334	92	422148	98.434	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	207106	104.300	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	250246	101.532	ug/l	97
55) 1,1,2-Trichloroethane	10.740	97	126800	98.408	ug/l	97
56) Ethyl methacrylate	10.599	69	155293	109.241	ug/l	99
57) 1,3-Dichloropropane	10.881	76	209283	99.791	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.875	63	284168	610.309	ug/l	99
59) 2-Hexanone	10.922	43	307791	558.269	ug/l	97
60) Dibromochloromethane	11.075	129	152424	101.075	ug/l	99
61) 1,2-Dibromoethane	11.181	107	117305	100.146	ug/l	97
64) Tetrachloroethene	10.810	164	143787	92.322	ug/l	99
65) Chlorobenzene	11.610	112	459365	96.495	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	168030	98.461	ug/l	98
67) Ethyl Benzene	11.687	91	847314	102.211	ug/l	99
68) m/p-Xylenes	11.793	106	656503	202.522	ug/l	100
69) o-Xylene	12.122	106	309788	101.605	ug/l	98
70) Styrene	12.140	104	539796	102.379	ug/l	99
71) Bromoform	12.298	173	86532	99.438	ug/l #	100
73) Isopropylbenzene	12.422	105	827841	101.168	ug/l	99
74) N-amyl acetate	12.234	43	147988	106.086	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.675	83	145216	97.248	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	101270m	64.129	ug/l	
77) Bromobenzene	12.704	156	184792	99.158	ug/l	98
78) n-propylbenzene	12.763	91	998807	99.852	ug/l	100
79) 2-Chlorotoluene	12.851	91	540956	98.178	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	679501	100.031	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	39954	102.713	ug/l	98
82) 4-Chlorotoluene	12.951	91	553664	97.073	ug/l	99
83) tert-Butylbenzene	13.169	119	596055	101.663	ug/l	100
84) 1,2,4-Trimethylbenzene	13.216	105	678283	100.747	ug/l	100
85) sec-Butylbenzene	13.345	105	922184	100.856	ug/l	100
86) p-Isopropyltoluene	13.463	119	771829	102.205	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	384284	97.184	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	369706	95.105	ug/l	100
89) n-Butylbenzene	13.787	91	716618	101.178	ug/l	99
90) Hexachloroethane	14.057	117	135100	99.516	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	327596	96.602	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	20114	101.110	ug/l	98
93) 1,2,4-Trichlorobenzene	15.104	180	206199	100.740	ug/l	98
94) Hexachlorobutadiene	15.210	225	107519	98.978	ug/l	99
95) Naphthalene	15.334	128	407327	106.788	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	180184	100.595	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121522\
Data File : VD075027.D
Acq On : 15 Dec 2022 14:36
Operator : KP/SY
Sample : VSTDICC100
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Quant Time: Dec 16 05:03:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121522S.M
Quant Title : SW846 8260
QLast Update : Fri Dec 16 05:00:18 2022
Response via : Initial Calibration

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

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

