

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110320\
 Data File : VD067505.D
 Acq On : 03 Nov 2020 12:03
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 11/4/2020 10:43:26 AM

Quant Time: Nov 04 00:43:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:25:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	341839	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	500694	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	454101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	226494	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	267369	89.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	178.90%	
35) Dibromofluoromethane	7.92	113	276740	91.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	183.48%	
50) Toluene-d8	10.34	98	972055	91.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	183.38%	
62) 4-Bromofluorobenzene	12.64	95	341185	93.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	266058	85.115	ug/l	96
3) Chloromethane	2.21	50	192356	90.363	ug/l	99
4) Vinyl Chloride	2.35	62	216800	91.349	ug/l	98
5) Bromomethane	2.76	94	169769	88.255	ug/l	94
6) Chloroethane	2.93	64	132361	90.461	ug/l	98
7) Trichlorofluoromethane	3.28	101	550042	89.509	ug/l	96
8) Diethyl Ether	3.71	74	120462	97.286	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	285060	91.899	ug/l	99
10) Methyl Iodide	4.30	142	368025	110.700	ug/l	98
11) Tert butyl alcohol	5.22	59	59019	389.963	ug/l	99
12) 1,1-Dichloroethene	4.07	96	269308	94.389	ug/l	96
13) Acrolein	3.92	56	70941	653.231	ug/l	97
14) Allyl chloride	4.72	41	302516	99.069	ug/l	99
15) Acrylonitrile	5.42	53	218655	477.709	ug/l	99
16) Acetone	4.16	43	231903	518.464	ug/l	99
17) Carbon Disulfide	4.41	76	817543	93.510	ug/l	99
18) Methyl Acetate	4.72	43	83167	89.978	ug/l	99
19) Methyl tert-butyl Ether	5.48	73	570225	101.322	ug/l	95
20) Methylene Chloride	4.97	84	279438	88.441	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	312942	94.170	ug/l	99
22) Diisopropyl ether	6.37	45	574368	96.522	ug/l	96
23) Vinyl Acetate	6.31	43	1629514	522.146	ug/l	100
24) 1,1-Dichloroethane	6.27	63	460260	94.545	ug/l	99
25) 2-Butanone	7.21	43	232417	486.290	ug/l	97
26) 2,2-Dichloropropane	7.21	77	484517	94.304	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	328179	95.143	ug/l	97
28) Bromochloromethane	7.55	49	171956	99.304	ug/l	99
29) Tetrahydrofuran	7.57	42	139820	488.390	ug/l	98
30) Chloroform	7.71	83	542147	93.350	ug/l	98
31) Cyclohexane	7.99	56	374327	86.347	ug/l	89
32) 1,1,1-Trichloroethane	7.91	97	551635	92.058	ug/l	99
36) 1,1-Dichloropropene	8.11	75	405955	94.720	ug/l	99
37) Ethyl Acetate	7.30	43	107302	96.437	ug/l	98
38) Carbon Tetrachloride	8.10	117	524168	94.131	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110320\
 Data File : VD067505.D
 Acq On : 03 Nov 2020 12:03
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleID :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 11/4/2020 10:43:26 AM

Quant Time: Nov 04 00:43:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:25:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	498887	98.900	ug/l	97
40) Benzene	8.36	78	1092947	94.143	ug/l	98
41) Methacrylonitrile	7.53	41	60400m	107.919	ug/l	
42) 1,2-Dichloroethane	8.43	62	339056	94.526	ug/l	99
43) Isopropyl Acetate	8.46	43	213812	97.163	ug/l	99
44) Trichloroethene	9.12	130	356579	93.413	ug/l	96
45) 1,2-Dichloropropane	9.39	63	238887	95.173	ug/l	98
46) Dibromomethane	9.48	93	149394	93.609	ug/l	97
47) Bromodichloromethane	9.67	83	407926	94.040	ug/l	97
48) Methyl methacrylate	9.46	41	108417	95.421	ug/l	93
49) 1,4-Dioxane	9.47	88	30182	1862.906	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	519060	493.205	ug/l	100
52) Toluene	10.41	92	759031	97.613	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	369231	99.386	ug/l	96
54) cis-1,3-Dichloropropene	10.10	75	430854	97.611	ug/l	98
55) 1,1,2-Trichloroethane	10.80	97	199610	94.529	ug/l	99
56) Ethyl methacrylate	10.67	69	223822	102.642	ug/l	96
57) 1,3-Dichloropropane	10.95	76	327282	96.316	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	519696	511.067	ug/l	99
59) 2-Hexanone	10.99	43	383622	521.329	ug/l	99
60) Dibromochloromethane	11.14	129	295166	94.493	ug/l	97
61) 1,2-Dibromoethane	11.26	107	200054	94.396	ug/l	98
64) Tetrachloroethene	10.88	164	301190	89.559	ug/l	97
65) Chlorobenzene	11.68	112	819386	93.674	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.75	131	320672	93.014	ug/l	100
67) Ethyl Benzene	11.75	91	1463947	97.804	ug/l	100
68) m/p-Xylenes	11.86	106	1121978	192.670	ug/l	100
69) o-Xylene	12.18	106	517822	99.597	ug/l	98
70) Styrene	12.20	104	872639	96.321	ug/l	99
71) Bromoform	12.37	173	164814	93.735	ug/l #	99
73) Isopropylbenzene	12.48	105	1461872	99.869	ug/l	100
74) N-amyl acetate	12.30	43	193653	100.541	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	189724	95.050	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	123427m	86.414	ug/l	
77) Bromobenzene	12.77	156	339470	94.431	ug/l	99
78) n-propylbenzene	12.83	91	1633645	97.570	ug/l	100
79) 2-Chlorotoluene	12.91	91	926714	97.437	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	1237852	98.993	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.54	75	62390	92.706	ug/l	95
82) 4-Chlorotoluene	13.01	91	970191	95.112	ug/l	100
83) tert-Butylbenzene	13.23	119	1070944	101.055	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	1216247	97.714	ug/l	97
85) sec-Butylbenzene	13.41	105	1425171	99.619	ug/l	99
86) p-Isopropyltoluene	13.52	119	1359463	98.404	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	638854	93.133	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	635054	91.430	ug/l	99
89) n-Butylbenzene	13.85	91	1190562	99.771	ug/l	98
90) Hexachloroethane	14.12	117	257857	99.114	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	558165	94.019	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	34870	98.668	ug/l	98

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD110320\
Data File : VD067505.D
Acq On : 03 Nov 2020 12:03
Operator : VA/SY
Sample : VSTDICC100
Misc : 5.00G/5.00ml/MSVOA D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
11/4/2020 10:43:26 AM

Quant Time: Nov 04 00:43:01 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
Quant Title : SW846 8260
QLast Update : Wed Nov 04 00:25:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	403935	100.248	ug/l	99
94) Hexachlorobutadiene	15.27	225	259361	96.176	ug/l	99
95) Naphthalene	15.41	128	670667	107.854	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	343978	99.690	ug/l	100

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

