

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD111720\
 Data File : VD067654.D
 Acq On : 17 Nov 2020 11:27
 Operator : VA/SY
 Sample : VD1117SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1117SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/18/2020 10:50:19 AM

Quant Time: Nov 18 00:13:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D110320S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 04 00:56:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	279797	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	417389	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	380520	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	193462	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	121618	49.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.42%	
35) Dibromofluoromethane	7.92	113	124791	49.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.24%	
50) Toluene-d8	10.34	98	426569	48.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.54%	
62) 4-Bromofluorobenzene	12.64	95	153363	50.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	56177	22.282	ug/l	97
3) Chloromethane	2.21	50	35787	20.539	ug/l	92
4) Vinyl Chloride	2.35	62	38156	19.642	ug/l	96
5) Bromomethane	2.77	94	35006	22.233	ug/l	94
6) Chloroethane	2.92	64	25104	20.961	ug/l	99
7) Trichlorofluoromethane	3.27	101	111978	22.263	ug/l	95
8) Diethyl Ether	3.71	74	22166	21.871	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.10	101	55049	21.682	ug/l	99
10) Methyl Iodide	4.30	142	54723	20.110	ug/l	97
11) Tert butyl alcohol	5.21	59	19353	177.723	ug/l #	95
12) 1,1-Dichloroethene	4.07	96	49836	21.340	ug/l	93
13) Acrolein	3.93	56	4546	65.469	ug/l	97
14) Allyl chloride	4.71	41	50313	20.130	ug/l	98
15) Acrylonitrile	5.42	53	41010	109.464	ug/l	98
16) Acetone	4.16	43	33836	92.421	ug/l	90
17) Carbon Disulfide	4.41	76	143652	20.074	ug/l	99
18) Methyl Acetate	4.71	43	17241	22.789	ug/l #	85
19) Methyl tert-butyl Ether	5.48	73	97932	21.260	ug/l	99
20) Methylene Chloride	4.97	84	57657	22.295	ug/l	95
21) trans-1,2-Dichloroethene	5.48	96	58037	21.337	ug/l	97
22) Diisopropyl ether	6.37	45	107145	21.998	ug/l #	93
23) Vinyl Acetate	6.31	43	270364	106.045	ug/l	99
24) 1,1-Dichloroethane	6.27	63	86824	21.790	ug/l	95
25) 2-Butanone	7.21	43	40949	104.676	ug/l	95
26) 2,2-Dichloropropane	7.21	77	94602	22.496	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	61271	21.702	ug/l	99
28) Bromochloromethane	7.55	49	27610	19.480	ug/l	95
29) Tetrahydrofuran	7.57	42	25416	108.463	ug/l	98
30) Chloroform	7.71	83	109167	22.965	ug/l	94
31) Cyclohexane	7.98	56	73473	20.706	ug/l #	94
32) 1,1,1-Trichloroethane	7.91	97	109737	22.374	ug/l	98
36) 1,1-Dichloropropene	8.11	75	76391	21.381	ug/l	97
37) Ethyl Acetate	7.29	43	21752	23.451	ug/l #	86
38) Carbon Tetrachloride	8.10	117	103831	22.368	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	89616	21.311	ug/l	97
40) Benzene	8.36	78	218643	22.592	ug/l	98
41) Methacrylonitrile	7.52	41	8925	16.097	ug/l #	75
42) 1,2-Dichloroethane	8.43	62	68550	22.925	ug/l	99
43) Isopropyl Acetate	8.46	43	38573	21.027	ug/l	97
44) Trichloroethene	9.11	130	68606	21.560	ug/l	94
45) 1,2-Dichloropropane	9.39	63	44717	21.371	ug/l	97
46) Dibromomethane	9.48	93	28713	21.582	ug/l	97
47) Bromodichloromethane	9.67	83	80130	22.159	ug/l	88
48) Methyl methacrylate	9.47	41	18067	19.075	ug/l #	81
49) 1,4-Dioxane	9.47	88	5633	417.075	ug/l #	95
51) 4-Methyl-2-Pentanone	10.23	43	97289	110.893	ug/l	98
52) Toluene	10.41	92	146068	22.534	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	71413	23.059	ug/l	99
54) cis-1,3-Dichloropropene	10.10	75	79872	21.707	ug/l	100
55) 1,1,2-Trichloroethane	10.81	97	38910	22.104	ug/l	96
56) Ethyl methacrylate	10.67	69	39168	21.547	ug/l	100
57) 1,3-Dichloropropane	10.96	76	62429	22.039	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.95	63	88477	104.374	ug/l	99
59) 2-Hexanone	10.99	43	66118	107.785	ug/l	97
60) Dibromochloromethane	11.14	129	60160	23.103	ug/l	99
61) 1,2-Dibromoethane	11.26	107	38693	21.901	ug/l	99
64) Tetrachloroethene	10.88	164	64203	22.782	ug/l	88
65) Chlorobenzene	11.68	112	165539	22.584	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.75	131	66226	22.924	ug/l	98
67) Ethyl Benzene	11.75	91	279091	22.251	ug/l	97
68) m/p-Xylenes	11.86	106	218291	44.734	ug/l	98
69) o-Xylene	12.18	106	98371	22.579	ug/l	99
70) Styrene	12.20	104	171967	22.652	ug/l	99
71) Bromoform	12.37	173	32635	22.150	ug/l #	91
73) Isopropylbenzene	12.48	105	277353	22.183	ug/l	99
74) N-amyl acetate	12.29	43	33716	20.493	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.74	83	36199	21.232	ug/l	96
76) 1,2,3-Trichloropropane	12.79	75	23510m	20.144	ug/l	
77) Bromobenzene	12.77	156	67602	22.016	ug/l	97
78) n-propylbenzene	12.83	91	316499	22.131	ug/l	100
79) 2-Chlorotoluene	12.91	91	181325	22.320	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	242150	22.672	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	12405	21.580	ug/l	95
82) 4-Chlorotoluene	13.01	91	195374	22.424	ug/l	99
83) tert-Butylbenzene	13.23	119	202772	22.401	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	243177	22.873	ug/l	99
85) sec-Butylbenzene	13.41	105	274624	22.474	ug/l	99
86) p-Isopropyltoluene	13.53	119	261253	22.139	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	135831	23.183	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	132624	22.354	ug/l	99
89) n-Butylbenzene	13.85	91	223210	21.899	ug/l	99
90) Hexachloroethane	14.11	117	48589	21.865	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	114248	22.530	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7425	24.597	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	75997	22.081	ug/l	98
94) Hexachlorobutadiene	15.27	225	47995	20.836	ug/l	97
95) Naphthalene	15.41	128	111528	20.998	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	63563	21.567	ug/l	98

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

