

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD110520\
 Data File : VD067536.D
 Acq On : 05 Nov 2020 11:25
 Operator : VA/SY
 Sample : VD1105SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1105SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/6/2020 9:24:33 AM

Quant Time: Nov 06 00:31:51 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	312563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	461345	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	417406	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	209782	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	131375	48.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.14%	
35) Dibromofluoromethane	7.92	113	135207	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	10.34	98	470014	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
62) 4-Bromofluorobenzene	12.64	95	168316	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	62962	22.372	ug/l	97
3) Chloromethane	2.21	50	40270	20.690	ug/l	98
4) Vinyl Chloride	2.35	62	44366	20.445	ug/l	96
5) Bromomethane	2.76	94	34468	19.597	ug/l	94
6) Chloroethane	2.91	64	27442	20.512	ug/l	98
7) Trichlorofluoromethane	3.27	101	113899	20.271	ug/l	97
8) Diethyl Ether	3.71	74	23937	21.142	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	58765	20.720	ug/l	99
10) Methyl Iodide	4.30	142	55435	18.236	ug/l	98
11) Tert butyl alcohol	5.21	59	16888	134.019	ug/l	98
12) 1,1-Dichloroethene	4.07	96	53164	20.379	ug/l	96
13) Acrolein	3.92	56	6205	73.703	ug/l	98
14) Allyl chloride	4.71	41	56599	20.271	ug/l	96
15) Acrylonitrile	5.43	53	43852	104.780	ug/l	98
16) Acetone	4.16	43	38108	93.178	ug/l	99
17) Carbon Disulfide	4.41	76	161711	20.229	ug/l	95
18) Methyl Acetate	4.72	43	17877	21.153	ug/l	95
19) Methyl tert-butyl Ether	5.47	73	107792	20.947	ug/l	93
20) Methylene Chloride	4.97	84	58130	20.121	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	61253	20.158	ug/l	95
22) Diisopropyl ether	6.37	45	114258	20.999	ug/l	93
23) Vinyl Acetate	6.31	43	294010	103.231	ug/l	100
24) 1,1-Dichloroethane	6.26	63	91428	20.540	ug/l	97
25) 2-Butanone	7.21	43	44051	100.802	ug/l	100
26) 2,2-Dichloropropane	7.21	77	96996	20.647	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	65474	20.760	ug/l	99
28) Bromochloromethane	7.55	49	31250	19.737	ug/l	98
29) Tetrahydrofuran	7.57	42	28463	108.733	ug/l	97
30) Chloroform	7.71	83	110762	20.858	ug/l	95
31) Cyclohexane	7.99	56	77260	19.491	ug/l #	90
32) 1,1,1-Trichloroethane	7.90	97	111640	20.376	ug/l	99
36) 1,1-Dichloropropene	8.12	75	84166	21.313	ug/l	100
37) Ethyl Acetate	7.30	43	20020	19.527	ug/l	97
38) Carbon Tetrachloride	8.10	117	107893	21.028	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	95279	20.499	ug/l	96
40) Benzene	8.36	78	223310	20.876	ug/l	98
41) Methacrylonitrile	7.53	41	12470	20.348	ug/l	97
42) 1,2-Dichloroethane	8.43	62	71901	21.755	ug/l	97
43) Isopropyl Acetate	8.46	43	42376	20.899	ug/l	97
44) Trichloroethene	9.11	130	71958	20.459	ug/l	100
45) 1,2-Dichloropropane	9.39	63	47686	20.619	ug/l	97
46) Dibromomethane	9.48	93	29766	20.242	ug/l	96
47) Bromodichloromethane	9.67	83	84316	21.095	ug/l	97
48) Methyl methacrylate	9.46	41	20145	19.242	ug/l #	84
49) 1,4-Dioxane	9.47	88	6558	439.300	ug/l #	91
51) 4-Methyl-2-Pentanone	10.23	43	104431	107.693	ug/l	100
52) Toluene	10.41	92	147820	20.631	ug/l	97
53) t-1,3-Dichloropropene	10.63	75	70411	20.569	ug/l	94
54) cis-1,3-Dichloropropene	10.09	75	84328	20.734	ug/l	97
55) 1,1,2-Trichloroethane	10.81	97	42345	21.764	ug/l	97
56) Ethyl methacrylate	10.66	69	40289	20.052	ug/l	99
57) 1,3-Dichloropropane	10.95	76	65830	21.026	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.95	63	103345	110.297	ug/l	98
59) 2-Hexanone	10.99	43	71149	104.936	ug/l	100
60) Dibromochloromethane	11.14	129	61607	21.405	ug/l	99
61) 1,2-Dibromoethane	11.25	107	40959	20.975	ug/l	99
64) Tetrachloroethene	10.88	164	64359	20.820	ug/l	97
65) Chlorobenzene	11.67	112	163868	20.381	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	66563	21.005	ug/l	98
67) Ethyl Benzene	11.75	91	285744	20.768	ug/l	98
68) m/p-Xylenes	11.86	106	229847	42.940	ug/l	97
69) o-Xylene	12.18	106	103333	21.622	ug/l	96
70) Styrene	12.20	104	179764	21.587	ug/l	99
71) Bromoform	12.36	173	34717	21.481	ug/l #	98
73) Isopropylbenzene	12.48	105	288848	21.305	ug/l	100
74) N-amyl acetate	12.29	43	36735	20.591	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	39674	21.460	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	23060m	18.222	ug/l	
77) Bromobenzene	12.77	156	67907	20.395	ug/l	97
78) n-propylbenzene	12.83	91	326678	21.065	ug/l	99
79) 2-Chlorotoluene	12.91	91	186288	21.147	ug/l	97
80) 1,3,5-Trimethylbenzene	12.96	105	245852	21.228	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	12576	20.176	ug/l	95
82) 4-Chlorotoluene	13.01	91	205240	21.723	ug/l	98
83) tert-Butylbenzene	13.23	119	212590	21.658	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	244121	21.175	ug/l	98
85) sec-Butylbenzene	13.40	105	284537	21.473	ug/l	99
86) p-Isopropyltoluene	13.52	119	267096	20.874	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	137990	21.719	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	134176	20.857	ug/l	98
89) n-Butylbenzene	13.85	91	231848	20.977	ug/l	99
90) Hexachloroethane	14.11	117	52141	21.638	ug/l	93
91) 1,2-Dichlorobenzene	13.89	146	116784	21.239	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	7795	23.814	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	78588	21.058	ug/l	100
94) Hexachlorobutadiene	15.27	225	47748	19.116	ug/l	97
95) Naphthalene	15.40	128	120572	20.935	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	67250	21.043	ug/l	96

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

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