

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100220\
 Data File : VD067053.D
 Acq On : 03 Oct 2020 00:37
 Operator : VA/SY
 Sample : VD1002SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1002SBS02

Manual Integrations
 APPROVED

MMDadoda
 10/5/2020 5:34:35 PM

Quant Time: Oct 03 05:47:22 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	406746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	649848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	611556	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	299186	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	209736	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
35) Dibromofluoromethane	7.91	113	226885	53.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.66%	
50) Toluene-d8	10.34	98	845902	54.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.14%	
62) 4-Bromofluorobenzene	12.63	95	289716	55.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	83036	22.647	ug/l	97
3) Chloromethane	2.21	50	69202	21.364	ug/l	95
4) Vinyl Chloride	2.35	62	66567	20.495	ug/l	95
5) Bromomethane	2.76	94	50023	21.418	ug/l	95
6) Chloroethane	2.91	64	41324	20.892	ug/l	88
7) Trichlorofluoromethane	3.27	101	148033	20.514	ug/l	93
8) Diethyl Ether	3.71	74	40692	22.740	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	83837	20.555	ug/l	99
10) Methyl Iodide	4.30	142	78433	19.791	ug/l	98
11) Tert butyl alcohol	5.22	59	29306	98.117	ug/l #	92
12) 1,1-Dichloroethene	4.07	96	78149	20.382	ug/l	99
13) Acrolein	3.93	56	20261	77.234	ug/l	99
14) Allyl chloride	4.71	41	103997	20.878	ug/l	98
15) Acrylonitrile	5.43	53	73927	112.248	ug/l	97
16) Acetone	4.16	43	62743	104.913	ug/l	99
17) Carbon Disulfide	4.41	76	252571	21.464	ug/l #	92
18) Methyl Acetate	4.71	43	38160	25.388	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	155994	22.286	ug/l	97
20) Methylene Chloride	4.97	84	116787	23.691	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	97452	22.333	ug/l	95
22) Diisopropyl ether	6.36	45	209315	23.018	ug/l #	93
23) Vinyl Acetate	6.31	43	530426	102.934	ug/l	99
24) 1,1-Dichloroethane	6.27	63	160082	22.810	ug/l	98
25) 2-Butanone	7.21	43	90114	106.280	ug/l	94
26) 2,2-Dichloropropane	7.21	77	123975	18.020	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	107728	23.116	ug/l	98
28) Bromochloromethane	7.55	49	56497	20.846	ug/l	97
29) Tetrahydrofuran	7.57	42	54392	111.566	ug/l	95
30) Chloroform	7.71	83	172852	22.705	ug/l	96
31) Cyclohexane	7.98	56	118118	20.076	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	153253	21.721	ug/l	100
36) 1,1-Dichloropropene	8.11	75	124335	20.526	ug/l	98
37) Ethyl Acetate	7.29	43	44812	21.355	ug/l	99
38) Carbon Tetrachloride	8.10	117	139929	21.351	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	126476	19.749	ug/l	98
40) Benzene	8.35	78	373913	22.224	ug/l	96
41) Methacrylonitrile	7.52	41	20906	18.441	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	104016	22.125	ug/l	98
43) Isopropyl Acetate	8.45	43	84274	21.800	ug/l	99
44) Trichloroethene	9.11	130	111057	22.106	ug/l	94
45) 1,2-Dichloropropane	9.38	63	89176	22.558	ug/l	94
46) Dibromomethane	9.47	93	50833	22.373	ug/l	95
47) Bromodichloromethane	9.66	83	134721	22.811	ug/l	97
48) Methyl methacrylate	9.45	41	38033	19.204	ug/l #	80
49) 1,4-Dioxane	9.46	88	11151	470.248	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	207092	107.552	ug/l	99
52) Toluene	10.40	92	248305	22.911	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	115690	21.917	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	139650	21.666	ug/l	100
55) 1,1,2-Trichloroethane	10.80	97	72021	22.800	ug/l	97
56) Ethyl methacrylate	10.66	69	72973	22.375	ug/l	98
57) 1,3-Dichloropropane	10.94	76	117679	22.973	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	199300	109.795	ug/l	99
59) 2-Hexanone	10.98	43	137145	106.714	ug/l	97
60) Dibromochloromethane	11.14	129	96325	22.879	ug/l	98
61) 1,2-Dibromoethane	11.25	107	68963	22.724	ug/l	97
64) Tetrachloroethene	10.87	164	96054	21.604	ug/l	94
65) Chlorobenzene	11.67	112	270004	22.199	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	100782	21.783	ug/l	98
67) Ethyl Benzene	11.74	91	455242	21.844	ug/l	99
68) m/p-Xylenes	11.85	106	357213	43.982	ug/l	98
69) o-Xylene	12.18	106	159477	21.958	ug/l	96
70) Styrene	12.20	104	282712	22.669	ug/l	99
71) Bromoform	12.36	173	53251	22.173	ug/l #	100
73) Isopropylbenzene	12.48	105	434529	21.389	ug/l	100
74) N-amyl acetate	12.29	43	72214	19.774	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.73	83	73646	21.516	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	56936m	21.848	ug/l	
77) Bromobenzene	12.76	156	108889	22.198	ug/l	99
78) n-propylbenzene	12.82	91	516301	21.504	ug/l	99
79) 2-Chlorotoluene	12.91	91	303994	22.130	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	374344	21.810	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	20174	19.300	ug/l	98
82) 4-Chlorotoluene	13.01	91	318407	21.786	ug/l	99
83) tert-Butylbenzene	13.23	119	303317	20.985	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	376653	21.989	ug/l	98
85) sec-Butylbenzene	13.40	105	424702	20.865	ug/l	99
86) p-Isopropyltoluene	13.52	119	391822	20.763	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	209616	21.938	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	205993	21.561	ug/l	99
89) n-Butylbenzene	13.85	91	345527	20.035	ug/l	99
90) Hexachloroethane	14.11	117	69848	21.131	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	183284	21.965	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11325	20.526	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	114232	21.164	ug/l	99
94) Hexachlorobutadiene	15.27	225	65504	19.761	ug/l	98
95) Naphthalene	15.41	128	188897	20.982	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	102124	21.796	ug/l	100

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

