

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100120\
 Data File : VD067010.D
 Acq On : 02 Oct 2020 00:35
 Operator : VA/SY
 Sample : VD1001SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1001SBS02

Manual Integrations
 APPROVED

MMDadoda
 10/2/2020 3:13:41 PM

Quant Time: Oct 02 01:40:02 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	416303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	689884	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	643081	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	317588	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	230979	57.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	115.20%	
35) Dibromofluoromethane	7.91	113	249434	55.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.46%	
50) Toluene-d8	10.34	98	905497	55.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.04%	
62) 4-Bromofluorobenzene	12.63	95	310873	55.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	75398	19.470	ug/l	95
3) Chloromethane	2.21	50	71894	21.685	ug/l	93
4) Vinyl Chloride	2.35	62	65722	19.770	ug/l	99
5) Bromomethane	2.76	94	54577	23.144	ug/l	96
6) Chloroethane	2.92	64	42162	20.826	ug/l	96
7) Trichlorofluoromethane	3.27	101	139595	18.901	ug/l	99
8) Diethyl Ether	3.71	74	38696	21.128	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.10	101	80937	19.388	ug/l	97
10) Methyl Iodide	4.30	142	80772	19.913	ug/l	97
11) Tert butyl alcohol	5.21	59	33486	116.558	ug/l #	87
12) 1,1-Dichloroethene	4.06	96	74851	19.073	ug/l	97
13) Acrolein	3.93	56	26992	100.530	ug/l	95
14) Allyl chloride	4.71	41	103474	20.297	ug/l	99
15) Acrylonitrile	5.43	53	74508	110.533	ug/l	97
16) Acetone	4.15	43	61849	101.044	ug/l	98
17) Carbon Disulfide	4.41	76	246307	20.451	ug/l	96
18) Methyl Acetate	4.71	43	35778	23.256	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	154340	21.544	ug/l	96
20) Methylene Chloride	4.96	84	136014	28.132	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	92713	20.759	ug/l	97
22) Diisopropyl ether	6.36	45	209564	22.516	ug/l #	93
23) Vinyl Acetate	6.30	43	563094	106.765	ug/l	98
24) 1,1-Dichloroethane	6.26	63	154681	21.535	ug/l	96
25) 2-Butanone	7.22	43	93125	107.310	ug/l	99
26) 2,2-Dichloropropane	7.21	77	123241	17.373	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	105576	22.134	ug/l	95
28) Bromochloromethane	7.54	49	56573	20.394	ug/l	97
29) Tetrahydrofuran	7.56	42	54009	108.237	ug/l	98
30) Chloroform	7.71	83	169990	21.816	ug/l	97
31) Cyclohexane	7.98	56	111215	18.468	ug/l	96
32) 1,1,1-Trichloroethane	7.90	97	145590	20.161	ug/l	98
36) 1,1-Dichloropropene	8.11	75	122232	19.008	ug/l	99
37) Ethyl Acetate	7.30	43	41263	18.523	ug/l	99
38) Carbon Tetrachloride	8.10	117	131107	18.844	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	120368	17.705	ug/l	96
40) Benzene	8.35	78	362604	20.301	ug/l	100
41) Methacrylonitrile	7.53	41	21894	18.192	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	102333	20.504	ug/l	98
43) Isopropyl Acetate	8.45	43	84289	20.539	ug/l	99
44) Trichloroethene	9.11	130	102598	19.237	ug/l	100
45) 1,2-Dichloropropane	9.38	63	89809	21.400	ug/l	96
46) Dibromomethane	9.47	93	50439	20.911	ug/l	98
47) Bromodichloromethane	9.66	83	131321	20.945	ug/l	92
48) Methyl methacrylate	9.46	41	42240	20.091	ug/l	93
49) 1,4-Dioxane	9.46	88	10500	417.098	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	211027	103.235	ug/l	98
52) Toluene	10.40	92	239589	20.824	ug/l	100
53) t-1,3-Dichloropropene	10.62	75	113258	20.211	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	134604	19.671	ug/l	92
55) 1,1,2-Trichloroethane	10.80	97	69779	20.808	ug/l	88
56) Ethyl methacrylate	10.66	69	71111	20.539	ug/l	96
57) 1,3-Dichloropropane	10.94	76	115095	21.165	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	204109	105.919	ug/l	99
59) 2-Hexanone	10.98	43	138216	101.306	ug/l	98
60) Dibromochloromethane	11.14	129	91724	20.522	ug/l	96
61) 1,2-Dibromoethane	11.24	107	68595	21.291	ug/l	98
64) Tetrachloroethene	10.87	164	89934	19.236	ug/l	96
65) Chlorobenzene	11.67	112	258018	20.173	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	98717	20.291	ug/l	99
67) Ethyl Benzene	11.74	91	430991	19.667	ug/l	99
68) m/p-Xylenes	11.86	106	339435	39.745	ug/l	98
69) o-Xylene	12.18	106	154445	20.223	ug/l	95
70) Styrene	12.19	104	270167	20.601	ug/l	100
71) Bromoform	12.36	173	50806	20.118	ug/l #	97
73) Isopropylbenzene	12.48	105	408154	18.927	ug/l	98
74) N-amyl acetate	12.29	43	73167	18.874	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	71996	19.815	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	46805m	16.920	ug/l	
77) Bromobenzene	12.76	156	103686	19.913	ug/l	99
78) n-propylbenzene	12.82	91	487786	19.140	ug/l	98
79) 2-Chlorotoluene	12.91	91	287399	19.710	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	355461	19.510	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	20771	18.720	ug/l	98
82) 4-Chlorotoluene	13.01	91	301681	19.446	ug/l	98
83) tert-Butylbenzene	13.23	119	290109	18.909	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	365140	20.082	ug/l	97
85) sec-Butylbenzene	13.40	105	405725	18.778	ug/l	99
86) p-Isopropyltoluene	13.52	119	370581	18.500	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	204706	20.183	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	196903	19.416	ug/l	98
89) n-Butylbenzene	13.85	91	324332	17.716	ug/l	99
90) Hexachloroethane	14.11	117	66855	19.053	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	175008	19.758	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	11451	19.551	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	104678	18.270	ug/l	98
94) Hexachlorobutadiene	15.27	225	59935	17.033	ug/l	98
95) Naphthalene	15.41	128	176723	18.492	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	95924	19.286	ug/l	99

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

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