

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD100620\
 Data File : VD067122.D
 Acq On : 06 Oct 2020 23:06
 Operator : VA/SY
 Sample : VD1006SBS02
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1006SBS02

Manual Integrations
 APPROVED

MMDadoda
 10/7/2020 12:10:11 PM

Quant Time: Oct 07 02:04:53 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	340107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	546546	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	516532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	245670	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	175485	53.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.14%	
35) Dibromofluoromethane	7.92	113	190076	53.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.24%	
50) Toluene-d8	10.34	98	674656	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
62) 4-Bromofluorobenzene	12.64	95	238650	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	69992	22.874	ug/l	94
3) Chloromethane	2.21	50	52726	19.467	ug/l	98
4) Vinyl Chloride	2.35	62	52623	19.376	ug/l	92
5) Bromomethane	2.76	94	41241	21.051	ug/l	100
6) Chloroethane	2.93	64	33283	20.123	ug/l	100
7) Trichlorofluoromethane	3.28	101	119371	19.783	ug/l	98
8) Diethyl Ether	3.71	74	30956	20.688	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.10	101	67546	19.805	ug/l	100
10) Methyl Iodide	4.30	142	63307	19.104	ug/l	96
11) Tert butyl alcohol	5.22	59	20634	73.092	ug/l #	93
12) 1,1-Dichloroethene	4.07	96	62211	19.404	ug/l	96
13) Acrolein	3.93	56	17428	79.452	ug/l	100
14) Allyl chloride	4.71	41	76807	18.441	ug/l	94
15) Acrylonitrile	5.43	53	55180	100.199	ug/l	93
16) Acetone	4.16	43	44590	89.168	ug/l	96
17) Carbon Disulfide	4.41	76	189218	19.231	ug/l	99
18) Methyl Acetate	4.72	43	27620	21.976	ug/l	97
19) Methyl tert-butyl Ether	5.48	73	121525	20.764	ug/l	99
20) Methylene Chloride	4.97	84	89367	20.958	ug/l	96
21) trans-1,2-Dichloroethene	5.48	96	73408	20.119	ug/l	98
22) Diisopropyl ether	6.36	45	150807	19.833	ug/l	96
23) Vinyl Acetate	6.31	43	393334	91.286	ug/l	97
24) 1,1-Dichloroethane	6.27	63	118747	20.236	ug/l	96
25) 2-Butanone	7.21	43	62263	87.820	ug/l	97
26) 2,2-Dichloropropane	7.21	77	100030	17.231	ug/l	95
27) cis-1,2-Dichloroethene	7.21	96	79428	20.383	ug/l	99
28) Bromochloromethane	7.55	49	40913	18.053	ug/l	85
29) Tetrahydrofuran	7.57	42	36622	89.835	ug/l	93
30) Chloroform	7.71	83	136793	21.489	ug/l	96
31) Cyclohexane	7.98	56	84187	17.112	ug/l	94
32) 1,1,1-Trichloroethane	7.91	97	123669	20.962	ug/l	97
36) 1,1-Dichloropropene	8.11	75	93141	18.283	ug/l	98
37) Ethyl Acetate	7.29	43	31199	17.678	ug/l #	78
38) Carbon Tetrachloride	8.10	117	114752	20.818	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	96966	18.003	ug/l	96
40) Benzene	8.35	78	284798	20.127	ug/l	100
41) Methacrylonitrile	7.53	41	17693	18.557	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	82297	20.814	ug/l	96
43) Isopropyl Acetate	8.45	43	59092	18.175	ug/l	95
44) Trichloroethene	9.11	130	86030	20.361	ug/l	99
45) 1,2-Dichloropropane	9.38	63	67051	20.167	ug/l	96
46) Dibromomethane	9.47	93	39102	20.463	ug/l	96
47) Bromodichloromethane	9.66	83	105879	21.315	ug/l	95
48) Methyl methacrylate	9.46	41	26844	16.116	ug/l #	69
49) 1,4-Dioxane	9.46	88	7087	355.354	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	147133	90.855	ug/l	98
52) Toluene	10.40	92	187043	20.520	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	89876	20.245	ug/l	89
54) cis-1,3-Dichloropropene	10.09	75	108510	20.017	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	52824	19.883	ug/l	91
56) Ethyl methacrylate	10.66	69	56250	20.508	ug/l	98
57) 1,3-Dichloropropane	10.94	76	89763	20.836	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	156082	102.239	ug/l	97
59) 2-Hexanone	10.98	43	96674	89.441	ug/l	95
60) Dibromochloromethane	11.14	129	78147	22.070	ug/l	100
61) 1,2-Dibromoethane	11.25	107	56278	22.049	ug/l	97
64) Tetrachloroethene	10.87	164	75310	20.055	ug/l	94
65) Chlorobenzene	11.67	112	206827	20.133	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	85888	21.979	ug/l	97
67) Ethyl Benzene	11.74	91	356329	20.244	ug/l	98
68) m/p-Xylenes	11.85	106	280974	40.960	ug/l	100
69) o-Xylene	12.18	106	124938	20.367	ug/l	96
70) Styrene	12.20	104	217439	20.642	ug/l	98
71) Bromoform	12.36	173	44554	21.964	ug/l #	93
73) Isopropylbenzene	12.48	105	336966	20.200	ug/l	99
74) N-amyl acetate	12.29	43	55370	18.464	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	56082	19.954	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	37796m	17.663	ug/l	
77) Bromobenzene	12.76	156	84924	21.084	ug/l	95
78) n-propylbenzene	12.82	91	402588	20.421	ug/l	99
79) 2-Chlorotoluene	12.91	91	230700	20.453	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	297584	21.115	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	15328	17.858	ug/l	90
82) 4-Chlorotoluene	13.01	91	249135	20.760	ug/l	100
83) tert-Butylbenzene	13.23	119	251534	21.194	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	300507	21.366	ug/l	98
85) sec-Butylbenzene	13.41	105	339624	20.320	ug/l	100
86) p-Isopropyltoluene	13.52	119	315551	20.364	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	162284	20.684	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	158101	20.153	ug/l	98
89) n-Butylbenzene	13.85	91	269548	19.034	ug/l	97
90) Hexachloroethane	14.11	117	54350	20.024	ug/l	98
91) 1,2-Dichlorobenzene	13.89	146	143599	20.957	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	8801	19.426	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	87236	19.683	ug/l	99
94) Hexachlorobutadiene	15.28	225	53589	19.688	ug/l	97
95) Naphthalene	15.41	128	140959	19.068	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	77308	20.093	ug/l	99

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

