

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD090320\
 Data File : VD066545.D
 Acq On : 03 Sep 2020 20:28
 Operator : VA/SY
 Sample : VD0903SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0903SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/4/2020 4:55:05 PM

Quant Time: Sep 04 06:13:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D090320S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 04 01:57:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	350088	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	583695	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	537034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	246927	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	219476	51.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.64%	
35) Dibromofluoromethane	7.91	113	200612	50.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.90%	
50) Toluene-d8	10.34	98	741764	52.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.42%	
62) 4-Bromofluorobenzene	12.63	95	241355	51.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	66521	20.700	ug/l	98
3) Chloromethane	2.21	50	95850	21.649	ug/l	97
4) Vinyl Chloride	2.35	62	103567	21.091	ug/l	97
5) Bromomethane	2.76	94	73658	21.097	ug/l	86
6) Chloroethane	2.92	64	66064	21.181	ug/l	95
7) Trichlorofluoromethane	3.27	101	144650	19.940	ug/l	99
8) Diethyl Ether	3.71	74	35868	19.636	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.09	101	75579	19.251	ug/l	98
10) Methyl Iodide	4.30	142	66677	21.144	ug/l	99
11) Tert butyl alcohol	5.20	59	39166	125.150	ug/l #	74
12) 1,1-Dichloroethene	4.07	96	69531	19.713	ug/l	94
13) Acrolein	3.93	56	17700	102.199	ug/l	94
14) Allyl chloride	4.71	41	118659	20.527	ug/l	99
15) Acrylonitrile	5.43	53	84192	107.292	ug/l	99
16) Acetone	4.16	43	66595	85.448	ug/l	96
17) Carbon Disulfide	4.41	76	236023	20.355	ug/l	99
18) Methyl Acetate	4.71	43	48071	25.875	ug/l	98
19) Methyl tert-butyl Ether	5.47	73	170751	20.644	ug/l	98
20) Methylene Chloride	4.97	84	100359	19.605	ug/l	91
21) trans-1,2-Dichloroethene	5.47	96	83617	19.963	ug/l	93
22) Diisopropyl ether	6.36	45	252257	21.221	ug/l	98
23) Vinyl Acetate	6.30	43	684230	101.147	ug/l	100
24) 1,1-Dichloroethane	6.27	63	153487	20.532	ug/l	99
25) 2-Butanone	7.21	43	106298	101.603	ug/l	98
26) 2,2-Dichloropropane	7.20	77	124903	18.215	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	92384	20.511	ug/l	99
28) Bromochloromethane	7.54	49	56730	19.712	ug/l	98
29) Tetrahydrofuran	7.56	42	69544	106.733	ug/l	98
30) Chloroform	7.71	83	163558	20.681	ug/l	94
31) Cyclohexane	7.98	56	131673	19.055	ug/l #	87
32) 1,1,1-Trichloroethane	7.90	97	144604	19.448	ug/l	99
36) 1,1-Dichloropropene	8.11	75	123784	20.378	ug/l	96
37) Ethyl Acetate	7.28	43	50940	21.060	ug/l	98
38) Carbon Tetrachloride	8.09	117	128949	20.083	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	130789	19.282	ug/l	97
40) Benzene	8.35	78	332722	19.999	ug/l	99
41) Methacrylonitrile	7.51	41	22927	19.581	ug/l #	59
42) 1,2-Dichloroethane	8.42	62	112069	20.791	ug/l	99
43) Isopropyl Acetate	8.44	43	94734	20.437	ug/l	97
44) Trichloroethene	9.11	130	90098	20.646	ug/l	98
45) 1,2-Dichloropropane	9.38	63	85777	20.502	ug/l	94
46) Dibromomethane	9.47	93	46745	20.251	ug/l	98
47) Bromodichloromethane	9.66	83	126672	20.284	ug/l	98
48) Methyl methacrylate	9.46	41	44516	18.992	ug/l	92
49) 1,4-Dioxane	9.45	88	9655	381.268	ug/l #	86
51) 4-Methyl-2-Pentanone	10.23	43	243903	104.331	ug/l	96
52) Toluene	10.40	92	214235	20.343	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	109797	19.916	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	130981	19.784	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	61464	20.710	ug/l	98
56) Ethyl methacrylate	10.66	69	70865	20.507	ug/l	96
57) 1,3-Dichloropropane	10.94	76	105887	20.369	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	183542	116.124	ug/l	99
59) 2-Hexanone	10.98	43	162085	103.100	ug/l	100
60) Dibromochloromethane	11.14	129	78811	20.081	ug/l	98
61) 1,2-Dibromoethane	11.24	107	58793	20.362	ug/l	100
64) Tetrachloroethene	10.87	164	72188	19.964	ug/l	93
65) Chlorobenzene	11.67	112	223159	20.133	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	84005	19.858	ug/l	99
67) Ethyl Benzene	11.74	91	395416	19.429	ug/l	98
68) m/p-Xylenes	11.85	106	303032	40.100	ug/l	98
69) o-Xylene	12.18	106	135445	19.999	ug/l	99
70) Styrene	12.19	104	237941	20.209	ug/l	99
71) Bromoform	12.36	173	42638	20.000	ug/l #	97
73) Isopropylbenzene	12.48	105	366435	20.043	ug/l	100
74) N-amyl acetate	12.29	43	82654	19.961	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	65921	20.410	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	56153m	23.646	ug/l	
77) Bromobenzene	12.76	156	84006	20.610	ug/l	99
78) n-propylbenzene	12.82	91	448587	20.241	ug/l	99
79) 2-Chlorotoluene	12.91	91	256831	20.657	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	322003	20.926	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	20237	19.895	ug/l	99
82) 4-Chlorotoluene	13.01	91	273055	20.537	ug/l	99
83) tert-Butylbenzene	13.23	119	254812	20.278	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	322881	21.076	ug/l	98
85) sec-Butylbenzene	13.40	105	367992	20.327	ug/l	99
86) p-Isopropyltoluene	13.52	119	329544	20.224	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	161882	20.006	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	165303	20.353	ug/l	98
89) n-Butylbenzene	13.85	91	312570	19.685	ug/l	99
90) Hexachloroethane	14.11	117	70329	20.031	ug/l	95
91) 1,2-Dichlorobenzene	13.89	146	142864	20.199	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	10778	19.644	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	85306	20.097	ug/l	96
94) Hexachlorobutadiene	15.27	225	47901	18.784	ug/l	95
95) Naphthalene	15.41	128	152510	20.561	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	74881	20.692	ug/l	98

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

