

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD112020\
 Data File : VD067719.D
 Acq On : 20 Nov 2020 12:41
 Operator : VA/SY
 Sample : VD1120SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1120SBS01

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 1:41:31 PM

Quant Time: Nov 21 00:56:29 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	267808	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	377092	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	349651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	182418	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	111898	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
35) Dibromofluoromethane	7.91	113	110677	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	10.34	98	379595	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
62) 4-Bromofluorobenzene	12.64	95	140852	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	52239	21.506	ug/l	92
3) Chloromethane	2.21	50	30773	18.452	ug/l	94
4) Vinyl Chloride	2.35	62	35401	19.040	ug/l	92
5) Bromomethane	2.76	94	29888	19.832	ug/l	95
6) Chloroethane	2.92	64	23569	20.561	ug/l	95
7) Trichlorofluoromethane	3.27	101	104782	21.765	ug/l	98
8) Diethyl Ether	3.71	74	21321	21.979	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	4.09	101	51790	21.312	ug/l	99
10) Methyl Iodide	4.30	142	49471	18.994	ug/l #	95
11) Tert butyl alcohol	5.21	59	22825	224.093	ug/l #	93
12) 1,1-Dichloroethene	4.07	96	46222	20.679	ug/l	96
13) Acrolein	3.92	56	3863	61.304	ug/l	86
14) Allyl chloride	4.71	41	46982	19.639	ug/l	94
15) Acrylonitrile	5.42	53	40749	113.637	ug/l	98
16) Acetone	4.16	43	38326	109.371	ug/l	99
17) Carbon Disulfide	4.40	76	127051	18.549	ug/l	98
18) Methyl Acetate	4.71	43	15560	21.488	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	101045	22.918	ug/l #	91
20) Methylene Chloride	4.97	84	59135	23.890	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	53259	20.457	ug/l	93
22) Diisopropyl ether	6.37	45	101945	21.868	ug/l	97
23) Vinyl Acetate	6.31	43	262195	107.445	ug/l	99
24) 1,1-Dichloroethane	6.27	63	80882	21.207	ug/l	97
25) 2-Butanone	7.22	43	42247	112.829	ug/l	99
26) 2,2-Dichloropropane	7.21	77	90120	22.389	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	56174	20.787	ug/l	95
28) Bromochloromethane	7.55	49	25111	18.510	ug/l	88
29) Tetrahydrofuran	7.56	42	24790	110.528	ug/l	94
30) Chloroform	7.71	83	101530	22.315	ug/l	92
31) Cyclohexane	7.98	56	64544	19.004	ug/l #	82
32) 1,1,1-Trichloroethane	7.90	97	105979	22.575	ug/l	96
36) 1,1-Dichloropropene	8.11	75	72695	22.521	ug/l	99
37) Ethyl Acetate	7.29	43	18624	22.224	ug/l #	78
38) Carbon Tetrachloride	8.10	117	99639	23.758	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	80789	21.265	ug/l	93
40) Benzene	8.36	78	198478	22.700	ug/l	100
41) Methacrylonitrile	7.54	41	11025m	22.010	ug/l	
42) 1,2-Dichloroethane	8.43	62	65043	24.077	ug/l	99
43) Isopropyl Acetate	8.46	43	37060	22.361	ug/l	97
44) Trichloroethene	9.11	130	64690	22.502	ug/l	96
45) 1,2-Dichloropropane	9.39	63	42666	22.570	ug/l #	88
46) Dibromomethane	9.48	93	28721	23.895	ug/l	97
47) Bromodichloromethane	9.67	83	77022	23.576	ug/l	99
48) Methyl methacrylate	9.46	41	18167	21.230	ug/l #	87
49) 1,4-Dioxane	9.47	88	5444	446.155	ug/l	93
51) 4-Methyl-2-Pentanone	10.23	43	95205	120.114	ug/l	97
52) Toluene	10.41	92	136156	23.249	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	66575	23.794	ug/l	93
54) cis-1,3-Dichloropropene	10.09	75	76453	22.998	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	39850	25.057	ug/l	92
56) Ethyl methacrylate	10.66	69	37156	22.624	ug/l	95
57) 1,3-Dichloropropane	10.95	76	60307	23.565	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	85585	111.751	ug/l	97
59) 2-Hexanone	10.99	43	67082	121.043	ug/l	99
60) Dibromochloromethane	11.14	129	56911	24.191	ug/l	100
61) 1,2-Dibromoethane	11.25	107	37198	23.305	ug/l	95
64) Tetrachloroethene	10.88	164	57866	22.346	ug/l	96
65) Chlorobenzene	11.67	112	153139	22.737	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	60814	22.909	ug/l	97
67) Ethyl Benzene	11.75	91	263118	22.830	ug/l	99
68) m/p-Xylenes	11.86	106	205228	45.770	ug/l	100
69) o-Xylene	12.18	106	92197	23.030	ug/l	99
70) Styrene	12.20	104	160839	23.057	ug/l	100
71) Bromoform	12.37	173	33250	24.559	ug/l #	99
73) Isopropylbenzene	12.48	105	262479	22.264	ug/l	100
74) N-amyl acetate	12.29	43	35706	23.017	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	35506	22.086	ug/l	94
76) 1,2,3-Trichloropropane	12.78	75	25859m	23.499	ug/l	
77) Bromobenzene	12.76	156	65974	22.786	ug/l	97
78) n-propylbenzene	12.83	91	298064	22.103	ug/l	100
79) 2-Chlorotoluene	12.91	91	173231	22.615	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	231834	23.020	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	11431	21.090	ug/l	95
82) 4-Chlorotoluene	13.01	91	183009	22.276	ug/l	98
83) tert-Butylbenzene	13.23	119	199002	23.315	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	233507	23.293	ug/l	99
85) sec-Butylbenzene	13.40	105	259089	22.486	ug/l	100
86) p-Isopropyltoluene	13.52	119	251272	22.583	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	124292	22.498	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	125609	22.454	ug/l	99
89) n-Butylbenzene	13.84	91	211908	22.049	ug/l	99
90) Hexachloroethane	14.11	117	46497	22.191	ug/l	99
91) 1,2-Dichlorobenzene	13.89	146	107484	22.480	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6911	24.280	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	76052	23.435	ug/l	98
94) Hexachlorobutadiene	15.27	225	47885	22.047	ug/l	97
95) Naphthalene	15.40	128	119432	23.847	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	65233	23.473	ug/l	99

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

