

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060820\
 Data File : VD065778.D
 Acq On : 08 Jun 2020 14:08
 Operator : VA/SY
 Sample : VD0608SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0608SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/9/2020 2:50:43 PM

Quant Time: Jun 09 06:58:40 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	221976	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	350174	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	318865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	157848	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	113861	51.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.82%	
35) Dibromofluoromethane	7.91	113	114951	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	
50) Toluene-d8	10.34	98	437244	53.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.02%	
62) 4-Bromofluorobenzene	12.64	95	144696	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	39407	24.373	ug/l	94
3) Chloromethane	2.21	50	61926	21.652	ug/l	100
4) Vinyl Chloride	2.35	62	71583	21.858	ug/l	97
5) Bromomethane	2.76	94	49190	21.477	ug/l	89
6) Chloroethane	2.93	64	46387	20.948	ug/l	97
7) Trichlorofluoromethane	3.27	101	79675	21.473	ug/l	98
8) Diethyl Ether	3.71	74	19732	20.227	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	46039	20.808	ug/l	99
10) Methyl Iodide	4.30	142	44899	20.840	ug/l	98
11) Tert butyl alcohol	5.22	59	16086	111.064	ug/l #	74
12) 1,1-Dichloroethene	4.06	96	43358	21.501	ug/l	94
13) Acrolein	3.93	56	11395	92.491	ug/l	92
14) Allyl chloride	4.72	41	70446	21.136	ug/l	99
15) Acrylonitrile	5.43	53	42887	96.795	ug/l	96
16) Acetone	4.16	43	41328	99.886	ug/l	95
17) Carbon Disulfide	4.41	76	144459	21.344	ug/l	100
18) Methyl Acetate	4.71	43	19151	18.212	ug/l	100
19) Methyl tert-butyl Ether	5.48	73	92024	20.147	ug/l	100
20) Methylene Chloride	4.97	84	52344	21.265	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	50360	21.324	ug/l	93
22) Diisopropyl ether	6.36	45	138623	20.585	ug/l	91
23) Vinyl Acetate	6.30	43	390579	102.709	ug/l	99
24) 1,1-Dichloroethane	6.27	63	84922	20.697	ug/l	98
25) 2-Butanone	7.22	43	55429	97.004	ug/l	97
26) 2,2-Dichloropropane	7.21	77	75108	20.644	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	52172	20.537	ug/l	98
28) Bromochloromethane	7.55	49	31740	20.028	ug/l	97
29) Tetrahydrofuran	7.56	42	35715	98.894	ug/l	97
30) Chloroform	7.71	83	88440	20.795	ug/l	99
31) Cyclohexane	7.99	56	81617	20.749	ug/l	97
32) 1,1,1-Trichloroethane	7.90	97	79190	20.250	ug/l	97
36) 1,1-Dichloropropene	8.11	75	70965	21.156	ug/l	99
37) Ethyl Acetate	7.30	43	26868	20.335	ug/l	98
38) Carbon Tetrachloride	8.10	117	72346	20.493	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	83087	20.921	ug/l	99
40) Benzene	8.35	78	189528	20.667	ug/l	97
41) Methacrylonitrile	7.54	41	14930m	18.977	ug/l	
42) 1,2-Dichloroethane	8.43	62	55614	20.099	ug/l	99
43) Isopropyl Acetate	8.46	43	51431	19.575	ug/l	99
44) Trichloroethene	9.11	130	53203	20.847	ug/l	98
45) 1,2-Dichloropropane	9.39	63	46545	20.200	ug/l	96
46) Dibromomethane	9.48	93	24404	19.528	ug/l	97
47) Bromodichloromethane	9.66	83	67241	20.079	ug/l #	98
48) Methyl methacrylate	9.46	41	23240	18.274	ug/l	93
49) 1,4-Dioxane	9.47	88	5148	387.028	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	122413	95.083	ug/l	97
52) Toluene	10.40	92	122886	20.623	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	61173	20.173	ug/l	96
54) cis-1,3-Dichloropropene	10.09	75	73626	20.558	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	34560	20.697	ug/l	96
56) Ethyl methacrylate	10.66	69	37716	19.204	ug/l	95
57) 1,3-Dichloropropane	10.95	76	57401	19.842	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	91102	99.773	ug/l	98
59) 2-Hexanone	10.98	43	84201	97.009	ug/l	99
60) Dibromochloromethane	11.14	129	43449	19.262	ug/l	99
61) 1,2-Dibromoethane	11.25	107	33457	20.388	ug/l	96
64) Tetrachloroethene	10.88	164	44895	20.822	ug/l	99
65) Chlorobenzene	11.67	112	130113	20.902	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	47221	20.350	ug/l	99
67) Ethyl Benzene	11.75	91	231491	20.817	ug/l	98
68) m/p-Xylenes	11.86	106	177287	41.389	ug/l	98
69) o-Xylene	12.18	106	80379	20.812	ug/l	98
70) Styrene	12.20	104	141999	21.239	ug/l	99
71) Bromoform	12.36	173	24511	19.183	ug/l #	97
73) Isopropylbenzene	12.48	105	224959	21.256	ug/l	98
74) N-amyl acetate	12.29	43	46343	19.683	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	34911	19.533	ug/l	98
76) 1,2,3-Trichloropropane	12.79	75	29492m	24.024	ug/l	
77) Bromobenzene	12.77	156	51571	20.596	ug/l	97
78) n-propylbenzene	12.83	91	271000	21.273	ug/l	99
79) 2-Chlorotoluene	12.91	91	149223	21.353	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	185957	21.115	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	10770	18.956	ug/l	96
82) 4-Chlorotoluene	13.01	91	158818	21.172	ug/l	99
83) tert-Butylbenzene	13.23	119	163277	21.367	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	186198	21.123	ug/l	98
85) sec-Butylbenzene	13.41	105	227509	21.393	ug/l	99
86) p-Isopropyltoluene	13.52	119	207842	21.323	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	102349	20.730	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	101648	20.697	ug/l	97
89) n-Butylbenzene	13.85	91	199357	21.445	ug/l	99
90) Hexachloroethane	14.12	117	40153	20.580	ug/l	96
91) 1,2-Dichlorobenzene	13.90	146	88259	20.772	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5499	18.487	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	58816	20.358	ug/l	99
94) Hexachlorobutadiene	15.27	225	33683	19.286	ug/l	97
95) Naphthalene	15.41	128	97646	19.953	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	50785	20.410	ug/l	99

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

