

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD060820\
 Data File : VD065777.D
 Acq On : 08 Jun 2020 13:41
 Operator : VA/SY
 Sample : VD0608SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0608SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/9/2020 2:50:41 PM

Quant Time: Jun 09 06:49:08 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	216676	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	340896	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	310655	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	155444	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	115538	53.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.92%	
35) Dibromofluoromethane	7.91	113	111462	51.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.52%	
50) Toluene-d8	10.34	98	429844	53.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.06%	
62) 4-Bromofluorobenzene	12.64	95	143211	52.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	38027	24.046	ug/l	97
3) Chloromethane	2.21	50	63864	23.242	ug/l	98
4) Vinyl Chloride	2.35	62	69518	21.746	ug/l	99
5) Bromomethane	2.76	94	47620	21.300	ug/l	94
6) Chloroethane	2.92	64	47710	22.072	ug/l	98
7) Trichlorofluoromethane	3.27	101	84407	23.305	ug/l	93
8) Diethyl Ether	3.71	74	19789	20.782	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	4.09	101	48651	22.527	ug/l	98
10) Methyl Iodide	4.30	142	42291	20.109	ug/l	98
11) Tert butyl alcohol	5.20	59	17056	124.220	ug/l #	82
12) 1,1-Dichloroethene	4.07	96	42803	21.745	ug/l	96
13) Acrolein	3.92	56	12925	107.476	ug/l	92
14) Allyl chloride	4.71	41	69062	21.228	ug/l	98
15) Acrylonitrile	5.43	53	46414	107.317	ug/l	96
16) Acetone	4.15	43	42636	105.568	ug/l	93
17) Carbon Disulfide	4.40	76	144625	21.891	ug/l	99
18) Methyl Acetate	4.72	43	19573	19.253	ug/l #	83
19) Methyl tert-butyl Ether	5.47	73	92519	20.751	ug/l	94
20) Methylene Chloride	4.96	84	54097	22.802	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	49475	21.462	ug/l	98
22) Diisopropyl ether	6.36	45	141656	21.550	ug/l	97
23) Vinyl Acetate	6.30	43	399516	107.629	ug/l	95
24) 1,1-Dichloroethane	6.26	63	85229	21.279	ug/l	99
25) 2-Butanone	7.21	43	58031	104.041	ug/l	92
26) 2,2-Dichloropropane	7.21	77	77494	21.821	ug/l	99
27) cis-1,2-Dichloroethene	7.20	96	52550	21.192	ug/l	98
28) Bromochloromethane	7.54	49	31880	20.609	ug/l	99
29) Tetrahydrofuran	7.56	42	35974	102.048	ug/l	98
30) Chloroform	7.71	83	87940	21.183	ug/l	95
31) Cyclohexane	7.98	56	84536	22.016	ug/l	94
32) 1,1,1-Trichloroethane	7.91	97	80510	21.091	ug/l	98
36) 1,1-Dichloropropene	8.11	75	70524	21.596	ug/l	98
37) Ethyl Acetate	7.29	43	26086	20.280	ug/l	96
38) Carbon Tetrachloride	8.10	117	75493	21.967	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	83208	21.521	ug/l	99
40) Benzene	8.35	78	189765	21.257	ug/l	99
41) Methacrylonitrile	7.53	41	15945m	20.819	ug/l	
42) 1,2-Dichloroethane	8.43	62	56630	21.024	ug/l	99
43) Isopropyl Acetate	8.45	43	51373	20.085	ug/l	99
44) Trichloroethene	9.11	130	54478	21.928	ug/l	97
45) 1,2-Dichloropropane	9.39	63	46946	20.929	ug/l	98
46) Dibromomethane	9.48	93	25911	21.298	ug/l	97
47) Bromodichloromethane	9.66	83	68605	21.044	ug/l	97
48) Methyl methacrylate	9.46	41	27364	22.102	ug/l	98
49) 1,4-Dioxane	9.47	88	5115	395.013	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	130526	104.144	ug/l	98
52) Toluene	10.40	92	124122	21.398	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	60771	20.586	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	74386	21.335	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	34023	20.930	ug/l	97
56) Ethyl methacrylate	10.67	69	39011	20.404	ug/l	98
57) 1,3-Dichloropropane	10.95	76	59348	21.074	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	90210	101.485	ug/l	99
59) 2-Hexanone	10.99	43	89563	105.995	ug/l	97
60) Dibromochloromethane	11.14	129	47026	21.415	ug/l	96
61) 1,2-Dibromoethane	11.25	107	32921	20.608	ug/l	99
64) Tetrachloroethene	10.88	164	43997	20.944	ug/l	97
65) Chlorobenzene	11.67	112	132733	21.886	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.75	131	47886	21.182	ug/l	98
67) Ethyl Benzene	11.75	91	237242	21.898	ug/l	99
68) m/p-Xylenes	11.86	106	180450	43.241	ug/l	100
69) o-Xylene	12.18	106	82108	21.822	ug/l	99
70) Styrene	12.20	104	141859	21.779	ug/l	99
71) Bromoform	12.36	173	25980	20.870	ug/l #	99
73) Isopropylbenzene	12.48	105	225861	21.672	ug/l	99
74) N-amyl acetate	12.29	43	46732	20.155	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	35643	20.251	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	26458m	21.886	ug/l	
77) Bromobenzene	12.77	156	54768	22.211	ug/l	97
78) n-propylbenzene	12.83	91	274357	21.870	ug/l	99
79) 2-Chlorotoluene	12.91	91	150026	21.800	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	188064	21.684	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	11506	20.564	ug/l	94
82) 4-Chlorotoluene	13.01	91	161951	21.924	ug/l	98
83) tert-Butylbenzene	13.23	119	163641	21.745	ug/l	100
84) 1,2,4-Trimethylbenzene	13.27	105	188431	21.707	ug/l	98
85) sec-Butylbenzene	13.41	105	228978	21.864	ug/l	98
86) p-Isopropyltoluene	13.52	119	208734	21.746	ug/l	99
87) 1,3-Dichlorobenzene	13.53	146	103699	21.328	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	103297	21.358	ug/l	98
89) n-Butylbenzene	13.85	91	199525	21.795	ug/l	99
90) Hexachloroethane	14.12	117	41736	21.722	ug/l	95
91) 1,2-Dichlorobenzene	13.90	146	90318	21.585	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6065	20.705	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	61656	21.671	ug/l	97
94) Hexachlorobutadiene	15.28	225	34876	20.278	ug/l	99
95) Naphthalene	15.41	128	101624	21.088	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	51611	21.063	ug/l	99

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

