

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062220\
 Data File : VD065845.D
 Acq On : 22 Jun 2020 15:35
 Operator : VA/SY
 Sample : VD0622SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 11:02:23 AM

Quant Time: Jun 23 07:03:13 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	184743	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	300563	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	277827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	141384	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	103654	56.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.56%	
35) Dibromofluoromethane	7.91	113	97584	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
50) Toluene-d8	10.34	98	383584	54.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.36%	
62) 4-Bromofluorobenzene	12.64	95	128581	53.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	31866	23.559	ug/l	95
3) Chloromethane	2.21	50	57994	25.176	ug/l	100
4) Vinyl Chloride	2.35	62	65642	24.083	ug/l	99
5) Bromomethane	2.76	94	47073	24.695	ug/l	92
6) Chloroethane	2.92	64	44437	24.112	ug/l	95
7) Trichlorofluoromethane	3.27	101	70878	22.952	ug/l	92
8) Diethyl Ether	3.70	74	19097	23.521	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.09	101	42157	22.894	ug/l	95
10) Methyl Iodide	4.30	142	36906	20.582	ug/l	99
11) Tert butyl alcohol	5.20	59	16212	143.245	ug/l #	74
12) 1,1-Dichloroethene	4.07	96	38812	23.126	ug/l	96
13) Acrolein	3.92	56	7873	76.783	ug/l	85
14) Allyl chloride	4.71	41	61626	22.217	ug/l	97
15) Acrylonitrile	5.42	53	43455	117.843	ug/l	97
16) Acetone	4.16	43	45030	130.768	ug/l	99
17) Carbon Disulfide	4.40	76	121583	21.584	ug/l	97
18) Methyl Acetate	4.72	43	20544	24.605	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	87715	23.074	ug/l	97
20) Methylene Chloride	4.96	84	54437	27.791	ug/l	93
21) trans-1,2-Dichloroethene	5.46	96	44570	22.676	ug/l	97
22) Diisopropyl ether	6.36	45	130246	23.239	ug/l	92
23) Vinyl Acetate	6.30	43	369802	116.844	ug/l	100
24) 1,1-Dichloroethane	6.26	63	77684	22.748	ug/l	99
25) 2-Butanone	7.21	43	57262	120.408	ug/l	99
26) 2,2-Dichloropropane	7.20	77	67333	22.237	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	46734	22.104	ug/l	95
28) Bromochloromethane	7.54	49	29871	22.648	ug/l	99
29) Tetrahydrofuran	7.56	42	35959	119.637	ug/l	96
30) Chloroform	7.71	83	78892	22.288	ug/l	96
31) Cyclohexane	7.98	56	74057	22.621	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	71608	22.001	ug/l	96
36) 1,1-Dichloropropene	8.11	75	62271	21.628	ug/l	99
37) Ethyl Acetate	7.28	43	27206	23.989	ug/l	97
38) Carbon Tetrachloride	8.10	117	67173	22.169	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	71925	21.099	ug/l	96
40) Benzene	8.35	78	170534	21.666	ug/l	98
41) Methacrylonitrile	7.53	41	15130m	22.406	ug/l	
42) 1,2-Dichloroethane	8.43	62	52545	22.125	ug/l	99
43) Isopropyl Acetate	8.45	43	49113	21.778	ug/l	99
44) Trichloroethene	9.11	130	45523	20.782	ug/l	91
45) 1,2-Dichloropropane	9.38	63	42338	21.407	ug/l	98
46) Dibromomethane	9.48	93	23604	22.006	ug/l	95
47) Bromodichloromethane	9.66	83	61825	21.509	ug/l	100
48) Methyl methacrylate	9.46	41	25533	23.391	ug/l	98
49) 1,4-Dioxane	9.47	88	5790	507.143	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	126075	114.091	ug/l	98
52) Toluene	10.40	92	113264	22.146	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	57493	22.089	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	68395	22.249	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	32093	22.392	ug/l	98
56) Ethyl methacrylate	10.66	69	36628	21.728	ug/l	92
57) 1,3-Dichloropropane	10.95	76	54476	21.939	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	89619	114.349	ug/l	99
59) 2-Hexanone	10.98	43	88917	119.351	ug/l	99
60) Dibromochloromethane	11.14	129	41662	21.518	ug/l	98
61) 1,2-Dibromoethane	11.24	107	31158	22.121	ug/l	98
64) Tetrachloroethene	10.88	164	38864	20.687	ug/l	97
65) Chlorobenzene	11.67	112	116084	21.403	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	43522	21.527	ug/l	99
67) Ethyl Benzene	11.75	91	210511	21.726	ug/l	99
68) m/p-Xylenes	11.86	106	159506	42.738	ug/l	98
69) o-Xylene	12.18	106	74143	22.033	ug/l	98
70) Styrene	12.20	104	126961	21.795	ug/l	99
71) Bromoform	12.36	173	24298	21.825	ug/l	# 99
73) Isopropylbenzene	12.48	105	200358	21.136	ug/l	99
74) N-amyl acetate	12.29	43	46602	22.098	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	35663	22.277	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	19785m	17.994	ug/l	
77) Bromobenzene	12.76	156	47740	21.286	ug/l	96
78) n-propylbenzene	12.83	91	246005	21.560	ug/l	99
79) 2-Chlorotoluene	12.91	91	134966	21.562	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	169510	21.489	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	10821	21.263	ug/l	95
82) 4-Chlorotoluene	13.01	91	143355	21.336	ug/l	99
83) tert-Butylbenzene	13.23	119	148037	21.628	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	169479	21.465	ug/l	98
85) sec-Butylbenzene	13.41	105	204045	21.421	ug/l	99
86) p-Isopropyltoluene	13.52	119	188902	21.637	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	94474	21.363	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	93321	21.214	ug/l	97
89) n-Butylbenzene	13.85	91	178401	21.425	ug/l	99
90) Hexachloroethane	14.11	117	37348	21.371	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	80977	21.277	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5946	22.318	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	53625	20.723	ug/l	100
94) Hexachlorobutadiene	15.28	225	29376	18.779	ug/l	96
95) Naphthalene	15.41	128	91937	20.975	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	46370	20.806	ug/l	99

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

