

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062220\
 Data File : VD065848.D
 Acq On : 22 Jun 2020 16:57
 Operator : VA/SY
 Sample : VD0622SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0622SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 11:02:19 AM

Quant Time: Jun 23 07:10:00 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	188460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	299867	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	274761	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	140074	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	97615	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
35) Dibromofluoromethane	7.91	113	95450	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	10.34	98	364641	51.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.26%	
62) 4-Bromofluorobenzene	12.64	95	121399	50.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	30616	21.939	ug/l	99
3) Chloromethane	2.21	50	57359	24.211	ug/l	99
4) Vinyl Chloride	2.35	62	66079	23.765	ug/l	98
5) Bromomethane	2.76	94	47442	24.398	ug/l	99
6) Chloroethane	2.92	64	45321	24.106	ug/l	100
7) Trichlorofluoromethane	3.27	101	70857	22.493	ug/l	99
8) Diethyl Ether	3.71	74	17218	20.789	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.10	101	40517	21.569	ug/l	96
10) Methyl Iodide	4.30	142	35062	19.168	ug/l	98
11) Tert butyl alcohol	5.22	59	15788	134.865	ug/l #	91
12) 1,1-Dichloroethene	4.06	96	37128	21.686	ug/l	97
13) Acrolein	3.93	56	7502	71.722	ug/l	91
14) Allyl chloride	4.71	41	60627	21.425	ug/l	98
15) Acrylonitrile	5.42	53	40166	106.775	ug/l	97
16) Acetone	4.16	43	37553	106.904	ug/l	90
17) Carbon Disulfide	4.41	76	119982	20.880	ug/l	99
18) Methyl Acetate	4.72	43	19233	22.259	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	80018	20.634	ug/l	92
20) Methylene Chloride	4.96	84	47088	22.823	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	43945	21.917	ug/l	90
22) Diisopropyl ether	6.37	45	123751	21.644	ug/l	98
23) Vinyl Acetate	6.31	43	347174	107.531	ug/l	99
24) 1,1-Dichloroethane	6.27	63	75234	21.596	ug/l	99
25) 2-Butanone	7.21	43	52140	107.475	ug/l	93
26) 2,2-Dichloropropane	7.21	77	67327	21.796	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	47228	21.897	ug/l	98
28) Bromochloromethane	7.54	49	28972	21.533	ug/l	97
29) Tetrahydrofuran	7.56	42	32674	106.564	ug/l	97
30) Chloroform	7.71	83	76357	21.146	ug/l	94
31) Cyclohexane	7.99	56	72745	21.782	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	71515	21.539	ug/l	98
36) 1,1-Dichloropropene	8.11	75	61309	21.343	ug/l	99
37) Ethyl Acetate	7.30	43	25414	22.461	ug/l	98
38) Carbon Tetrachloride	8.10	117	65323	21.608	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	71656	21.069	ug/l	98
40) Benzene	8.35	78	170230	21.677	ug/l	99
41) Methacrylonitrile	7.53	41	14356	21.309	ug/l #	73
42) 1,2-Dichloroethane	8.43	62	50007	21.105	ug/l	99
43) Isopropyl Acetate	8.46	43	46117	20.497	ug/l	98
44) Trichloroethene	9.11	130	45940	21.021	ug/l	96
45) 1,2-Dichloropropane	9.39	63	42165	21.369	ug/l	97
46) Dibromomethane	9.48	93	21426	20.022	ug/l	99
47) Bromodichloromethane	9.67	83	60228	21.002	ug/l	91
48) Methyl methacrylate	9.46	41	23896	21.942	ug/l	98
49) 1,4-Dioxane	9.46	88	5108	448.446	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	113964	103.371	ug/l	99
52) Toluene	10.41	92	110591	21.674	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	54720	21.072	ug/l	99
54) cis-1,3-Dichloropropene	10.09	75	64194	20.931	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	29954	20.948	ug/l	92
56) Ethyl methacrylate	10.66	69	34250	20.364	ug/l	95
57) 1,3-Dichloropropane	10.95	76	52512	21.198	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	85310	109.103	ug/l	100
59) 2-Hexanone	10.99	43	80472	108.266	ug/l	100
60) Dibromochloromethane	11.14	129	38871	20.123	ug/l	97
61) 1,2-Dibromoethane	11.25	107	27985	19.915	ug/l	97
64) Tetrachloroethene	10.88	164	39120	21.056	ug/l	94
65) Chlorobenzene	11.67	112	113020	21.070	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.75	131	40878	20.445	ug/l	97
67) Ethyl Benzene	11.75	91	203979	21.287	ug/l	95
68) m/p-Xylenes	11.86	106	157980	42.802	ug/l	100
69) o-Xylene	12.18	106	71785	21.571	ug/l	97
70) Styrene	12.20	104	121204	21.039	ug/l	98
71) Bromoform	12.37	173	21386	19.423	ug/l #	97
73) Isopropylbenzene	12.48	105	198100	21.094	ug/l	98
74) N-amyl acetate	12.29	43	42256	20.224	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	32494	20.487	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	19526m	17.924	ug/l	
77) Bromobenzene	12.76	156	45181	20.333	ug/l	93
78) n-propylbenzene	12.83	91	244014	21.585	ug/l	99
79) 2-Chlorotoluene	12.91	91	134373	21.668	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	167947	21.490	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.53	75	10725	21.272	ug/l	98
82) 4-Chlorotoluene	13.01	91	141223	21.216	ug/l	98
83) tert-Butylbenzene	13.23	119	141612	20.883	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	167716	21.440	ug/l	99
85) sec-Butylbenzene	13.41	105	198312	21.014	ug/l	99
86) p-Isopropyltoluene	13.52	119	185134	21.403	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	90771	20.718	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	89496	20.535	ug/l	97
89) n-Butylbenzene	13.85	91	175154	21.232	ug/l	99
90) Hexachloroethane	14.12	117	35806	20.681	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	79614	21.115	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5321	20.158	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	50992	19.890	ug/l	96
94) Hexachlorobutadiene	15.27	225	30032	19.378	ug/l	98
95) Naphthalene	15.41	128	83667	19.266	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	43511	19.706	ug/l	99

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

