

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062320\
 Data File : VD065855.D
 Acq On : 23 Jun 2020 12:58
 Operator : VA/SY
 Sample : VD0623SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 10:52:37 AM

Quant Time: Jun 24 05:48:49 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	197428	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	313651	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	288777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	146945	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	100232	51.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.76%	
35) Dibromofluoromethane	7.92	113	99063	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
50) Toluene-d8	10.34	98	381078	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
62) 4-Bromofluorobenzene	12.64	95	128582	51.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	34040	23.548	ug/l	99
3) Chloromethane	2.21	50	56580	22.419	ug/l	98
4) Vinyl Chloride	2.35	62	69998	24.031	ug/l	98
5) Bromomethane	2.76	94	47609	23.372	ug/l	98
6) Chloroethane	2.92	64	45176	22.938	ug/l	99
7) Trichlorofluoromethane	3.27	101	75802	22.969	ug/l	95
8) Diethyl Ether	3.71	74	19375	22.331	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.09	101	44862	22.798	ug/l	99
10) Methyl Iodide	4.30	142	39463	20.594	ug/l	99
11) Tert butyl alcohol	5.21	59	15114	119.668	ug/l #	88
12) 1,1-Dichloroethene	4.07	96	40546	22.607	ug/l	97
13) Acrolein	3.93	56	7904	72.133	ug/l	92
14) Allyl chloride	4.71	41	64764	21.848	ug/l	99
15) Acrylonitrile	5.43	53	41743	105.927	ug/l	99
16) Acetone	4.16	43	42924	116.643	ug/l	96
17) Carbon Disulfide	4.40	76	127864	21.241	ug/l	97
18) Methyl Acetate	4.71	43	20246	22.386	ug/l	99
19) Methyl tert-butyl Ether	5.47	73	86201	21.219	ug/l #	90
20) Methylene Chloride	4.97	84	47651	21.880	ug/l	92
21) trans-1,2-Dichloroethene	5.47	96	45717	21.765	ug/l	99
22) Diisopropyl ether	6.37	45	131727	21.993	ug/l	98
23) Vinyl Acetate	6.30	43	365585	108.090	ug/l	97
24) 1,1-Dichloroethane	6.26	63	81053	22.210	ug/l	98
25) 2-Butanone	7.21	43	56103	110.391	ug/l	98
26) 2,2-Dichloropropane	7.21	77	70555	21.804	ug/l	98
27) cis-1,2-Dichloroethene	7.21	96	48895	21.640	ug/l	97
28) Bromochloromethane	7.54	49	30098	21.354	ug/l	99
29) Tetrahydrofuran	7.57	42	34486	107.364	ug/l	98
30) Chloroform	7.71	83	80802	21.361	ug/l	98
31) Cyclohexane	7.98	56	75871	21.686	ug/l	99
32) 1,1,1-Trichloroethane	7.90	97	74444	21.403	ug/l	95
36) 1,1-Dichloropropene	8.11	75	64398	21.433	ug/l	99
37) Ethyl Acetate	7.30	43	24933	21.068	ug/l	99
38) Carbon Tetrachloride	8.10	117	68249	21.584	ug/l #	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	77360	21.747	ug/l	95
40) Benzene	8.35	78	174739	21.274	ug/l	97
41) Methacrylonitrile	7.53	41	14901	21.146	ug/l #	71
42) 1,2-Dichloroethane	8.43	62	52886	21.339	ug/l	99
43) Isopropyl Acetate	8.46	43	50643	21.520	ug/l	98
44) Trichloroethene	9.11	130	49005	21.439	ug/l	97
45) 1,2-Dichloropropane	9.39	63	43521	21.087	ug/l	94
46) Dibromomethane	9.48	93	23232	20.755	ug/l	95
47) Bromodichloromethane	9.67	83	65315	21.775	ug/l	100
48) Methyl methacrylate	9.46	41	22288	19.566	ug/l	93
49) 1,4-Dioxane	9.46	88	4946	415.141	ug/l	95
51) 4-Methyl-2-Pentanone	10.23	43	123789	107.348	ug/l	95
52) Toluene	10.41	92	116264	21.784	ug/l	98
53) t-1,3-Dichloropropene	10.63	75	58258	21.449	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	69183	21.567	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	31249	20.894	ug/l	95
56) Ethyl methacrylate	10.66	69	36356	20.667	ug/l	97
57) 1,3-Dichloropropane	10.95	76	54960	21.211	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	81901	100.141	ug/l	100
59) 2-Hexanone	10.99	43	84334	108.476	ug/l	100
60) Dibromochloromethane	11.14	129	42499	21.035	ug/l	99
61) 1,2-Dibromoethane	11.25	107	31209	21.233	ug/l	99
64) Tetrachloroethene	10.88	164	41381	21.191	ug/l	99
65) Chlorobenzene	11.67	112	120021	21.289	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	43557	20.727	ug/l	96
67) Ethyl Benzene	11.75	91	213786	21.228	ug/l	94
68) m/p-Xylenes	11.86	106	164701	42.457	ug/l	97
69) o-Xylene	12.18	106	75768	21.662	ug/l	98
70) Styrene	12.20	104	131384	21.699	ug/l	98
71) Bromoform	12.36	173	23324	20.155	ug/l #	97
73) Isopropylbenzene	12.48	105	208070	21.119	ug/l	99
74) N-amyl acetate	12.29	43	45500	20.758	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	34610	20.801	ug/l	99
76) 1,2,3-Trichloropropane	12.79	75	25655m	22.449	ug/l	
77) Bromobenzene	12.77	156	48722	20.902	ug/l	98
78) n-propylbenzene	12.83	91	253862	21.406	ug/l	98
79) 2-Chlorotoluene	12.91	91	139345	21.419	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	174470	21.280	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	10773	20.368	ug/l	98
82) 4-Chlorotoluene	13.01	91	149193	21.365	ug/l	99
83) tert-Butylbenzene	13.23	119	152317	21.411	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	173662	21.162	ug/l	100
85) sec-Butylbenzene	13.41	105	210444	21.257	ug/l	98
86) p-Isopropyltoluene	13.52	119	193659	21.342	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	94805	20.627	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	94136	20.590	ug/l	98
89) n-Butylbenzene	13.85	91	185469	21.431	ug/l	99
90) Hexachloroethane	14.11	117	38403	21.144	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	81218	20.533	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5923	21.390	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	55222	20.533	ug/l	99
94) Hexachlorobutadiene	15.27	225	32003	19.684	ug/l	97
95) Naphthalene	15.41	128	87588	19.226	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	46487	20.069	ug/l	99

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

