

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062320\
 Data File : VD065854.D
 Acq On : 23 Jun 2020 12:31
 Operator : VA/SY
 Sample : VD0623SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 10:52:35 AM

Quant Time: Jun 24 05:41:44 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	191017	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	304719	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	279822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	140981	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	103813	55.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.00%	
35) Dibromofluoromethane	7.91	113	103443	53.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.48%	
50) Toluene-d8	10.34	98	399734	55.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.38%	
62) 4-Bromofluorobenzene	12.64	95	135175	55.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	34037	24.479	ug/l	95
3) Chloromethane	2.21	50	58724	24.521	ug/l	100
4) Vinyl Chloride	2.35	62	70264	24.932	ug/l	97
5) Bromomethane	2.76	94	49178	24.952	ug/l	94
6) Chloroethane	2.92	64	44643	23.428	ug/l	99
7) Trichlorofluoromethane	3.27	101	74681	23.389	ug/l	93
8) Diethyl Ether	3.70	74	19377	23.082	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	43115	22.645	ug/l	99
10) Methyl Iodide	4.30	142	38482	20.756	ug/l	100
11) Tert butyl alcohol	5.20	59	15135m	125.308	ug/l	
12) 1,1-Dichloroethene	4.07	96	39903	22.995	ug/l	94
13) Acrolein	3.93	56	7879	74.318	ug/l	97
14) Allyl chloride	4.71	41	65223	22.741	ug/l	98
15) Acrylonitrile	5.43	53	40744	106.862	ug/l	99
16) Acetone	4.16	43	40603	114.039	ug/l	91
17) Carbon Disulfide	4.41	76	128222	22.015	ug/l	95
18) Methyl Acetate	4.71	43	21166	24.504	ug/l #	74
19) Methyl tert-butyl Ether	5.47	73	86346	21.968	ug/l	95
20) Methylene Chloride	4.97	84	57594	28.551	ug/l	96
21) trans-1,2-Dichloroethene	5.47	96	45232	22.257	ug/l	92
22) Diisopropyl ether	6.36	45	131421	22.678	ug/l	95
23) Vinyl Acetate	6.30	43	356906	109.066	ug/l	99
24) 1,1-Dichloroethane	6.27	63	79404	22.488	ug/l	98
25) 2-Butanone	7.21	43	53973	109.764	ug/l #	86
26) 2,2-Dichloropropane	7.21	77	70214	22.427	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	49991	22.868	ug/l	98
28) Bromochloromethane	7.54	49	30603	22.441	ug/l	97
29) Tetrahydrofuran	7.56	42	32967	106.080	ug/l	97
30) Chloroform	7.71	83	82052	22.419	ug/l	99
31) Cyclohexane	7.98	56	75948	22.437	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	77107	22.913	ug/l	99
36) 1,1-Dichloropropene	8.11	75	65282	22.365	ug/l	100
37) Ethyl Acetate	7.29	43	23932	20.815	ug/l	97
38) Carbon Tetrachloride	8.10	117	68761	22.383	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	75340	21.800	ug/l	97
40) Benzene	8.35	78	175777	22.027	ug/l	96
41) Methacrylonitrile	7.52	41	16200m	23.663	ug/l	
42) 1,2-Dichloroethane	8.43	62	51492	21.386	ug/l	99
43) Isopropyl Acetate	8.46	43	46986	20.551	ug/l	99
44) Trichloroethene	9.11	130	48569	21.871	ug/l	94
45) 1,2-Dichloropropane	9.38	63	43111	21.501	ug/l	96
46) Dibromomethane	9.47	93	23849	21.931	ug/l	95
47) Bromodichloromethane	9.66	83	63540	21.805	ug/l	95
48) Methyl methacrylate	9.46	41	23724	21.437	ug/l	94
49) 1,4-Dioxane	9.47	88	5022	433.875	ug/l	97
51) 4-Methyl-2-Pentanone	10.23	43	116455	103.948	ug/l	99
52) Toluene	10.40	92	114706	22.122	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	58231	22.067	ug/l	95
54) cis-1,3-Dichloropropene	10.09	75	68243	21.897	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	31748	21.850	ug/l	92
56) Ethyl methacrylate	10.67	69	36040	21.088	ug/l	99
57) 1,3-Dichloropropane	10.95	76	53593	21.289	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	76409	96.164	ug/l	100
59) 2-Hexanone	10.98	43	80220	106.209	ug/l	99
60) Dibromochloromethane	11.14	129	40690	20.730	ug/l	98
61) 1,2-Dibromoethane	11.25	107	29297	20.517	ug/l	97
64) Tetrachloroethene	10.88	164	40686	21.502	ug/l	99
65) Chlorobenzene	11.67	112	117048	21.426	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	44859	22.030	ug/l	98
67) Ethyl Benzene	11.75	91	215940	22.128	ug/l	99
68) m/p-Xylenes	11.86	106	165196	43.947	ug/l	99
69) o-Xylene	12.18	106	75559	22.294	ug/l	100
70) Styrene	12.20	104	128958	21.980	ug/l	98
71) Bromoform	12.36	173	23368	20.840	ug/l #	99
73) Isopropylbenzene	12.48	105	207059	21.906	ug/l	98
74) N-amyl acetate	12.29	43	44499	21.161	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	34618	21.686	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	24693m	22.521	ug/l	
77) Bromobenzene	12.77	156	48135	21.523	ug/l	95
78) n-propylbenzene	12.83	91	252338	22.178	ug/l	99
79) 2-Chlorotoluene	12.91	91	136985	21.947	ug/l	98
80) 1,3,5-Trimethylbenzene	12.97	105	174264	22.154	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	10709	21.103	ug/l	97
82) 4-Chlorotoluene	13.01	91	147835	22.066	ug/l	100
83) tert-Butylbenzene	13.23	119	148564	21.767	ug/l	97
84) 1,2,4-Trimethylbenzene	13.27	105	175828	22.333	ug/l	98
85) sec-Butylbenzene	13.41	105	212926	22.417	ug/l	99
86) p-Isopropyltoluene	13.52	119	193858	22.268	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	94285	21.382	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	93425	21.299	ug/l	98
89) n-Butylbenzene	13.85	91	184361	22.204	ug/l	98
90) Hexachloroethane	14.12	117	37936	21.770	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	81623	21.508	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5923	22.295	ug/l	85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	53398	20.694	ug/l	99
94) Hexachlorobutadiene	15.28	225	31434	20.152	ug/l	98
95) Naphthalene	15.41	128	84252	19.276	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	45407	20.432	ug/l	99

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

