

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062320\
 Data File : VD065856.D
 Acq On : 23 Jun 2020 13:25
 Operator : VA/SY
 Sample : VD0623SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0623SBS01

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 10:52:38 AM

Quant Time: Jun 24 05:50:42 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	182686	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	296199	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	276909	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	138387	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	97062	53.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.54%	
35) Dibromofluoromethane	7.91	113	95056	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
50) Toluene-d8	10.34	98	362831	52.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.02%	
62) 4-Bromofluorobenzene	12.64	95	123867	52.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	30349	22.532	ug/l	99
3) Chloromethane	2.21	50	54360	23.526	ug/l	99
4) Vinyl Chloride	2.35	62	63569	23.585	ug/l	97
5) Bromomethane	2.76	94	44573	23.647	ug/l	96
6) Chloroethane	2.91	64	43978	24.131	ug/l	97
7) Trichlorofluoromethane	3.27	101	68892	22.560	ug/l	93
8) Diethyl Ether	3.71	74	18833	23.457	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.10	101	39678	21.790	ug/l	100
10) Methyl Iodide	4.30	142	37701	21.262	ug/l	98
11) Tert butyl alcohol	5.21	59	16175	144.899	ug/l #	85
12) 1,1-Dichloroethene	4.07	96	38278	23.064	ug/l	93
13) Acrolein	3.91	56	8001	78.910	ug/l	93
14) Allyl chloride	4.71	41	61681	22.487	ug/l	98
15) Acrylonitrile	5.41	53	42742	117.214	ug/l #	84
16) Acetone	4.16	43	41734	122.561	ug/l	95
17) Carbon Disulfide	4.40	76	121020	21.726	ug/l	96
18) Methyl Acetate	4.72	43	20686	25.126	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	86122	22.910	ug/l	99
20) Methylene Chloride	4.96	84	47788	24.123	ug/l	87
21) trans-1,2-Dichloroethene	5.47	96	42468	21.850	ug/l	96
22) Diisopropyl ether	6.36	45	128350	23.158	ug/l	99
23) Vinyl Acetate	6.30	43	364618	116.503	ug/l	99
24) 1,1-Dichloroethane	6.27	63	75882	22.471	ug/l	96
25) 2-Butanone	7.21	43	54682	116.278	ug/l	92
26) 2,2-Dichloropropane	7.20	77	68834	22.989	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	47944	22.932	ug/l	100
28) Bromochloromethane	7.54	49	29761	22.818	ug/l #	98
29) Tetrahydrofuran	7.57	42	34739	116.879	ug/l	98
30) Chloroform	7.71	83	79436	22.695	ug/l	94
31) Cyclohexane	7.98	56	68564	21.179	ug/l	93
32) 1,1,1-Trichloroethane	7.91	97	69969	21.740	ug/l	97
36) 1,1-Dichloropropene	8.11	75	59687	21.036	ug/l	100
37) Ethyl Acetate	7.29	43	27201	24.338	ug/l #	79
38) Carbon Tetrachloride	8.10	117	64940	21.747	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	69156	20.586	ug/l	97
40) Benzene	8.35	78	171705	22.136	ug/l	100
41) Methacrylonitrile	7.53	41	14388	21.621	ug/l #	93
42) 1,2-Dichloroethane	8.43	62	52356	22.370	ug/l	100
43) Isopropyl Acetate	8.45	43	48683	21.906	ug/l	97
44) Trichloroethene	9.11	130	45564	21.108	ug/l	100
45) 1,2-Dichloropropane	9.38	63	41137	21.106	ug/l	98
46) Dibromomethane	9.48	93	22801	21.570	ug/l	96
47) Bromodichloromethane	9.66	83	60558	21.379	ug/l	96
48) Methyl methacrylate	9.46	41	22844	21.236	ug/l	95
49) 1,4-Dioxane	9.46	88	5152	457.910	ug/l	98
51) 4-Methyl-2-Pentanone	10.23	43	122136	112.155	ug/l	96
52) Toluene	10.40	92	109629	21.751	ug/l	99
53) t-1,3-Dichloropropene	10.63	75	57518	22.424	ug/l	91
54) cis-1,3-Dichloropropene	10.09	75	66538	21.964	ug/l	94
55) 1,1,2-Trichloroethane	10.80	97	31413	22.241	ug/l	93
56) Ethyl methacrylate	10.66	69	36840	22.176	ug/l	97
57) 1,3-Dichloropropane	10.95	76	54091	22.105	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	85666	110.915	ug/l	100
59) 2-Hexanone	10.98	43	83909	114.288	ug/l	99
60) Dibromochloromethane	11.14	129	40636	21.298	ug/l	95
61) 1,2-Dibromoethane	11.25	107	30150	21.721	ug/l	98
64) Tetrachloroethene	10.88	164	38895	20.772	ug/l	93
65) Chlorobenzene	11.67	112	115544	21.374	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.74	131	42262	20.973	ug/l	98
67) Ethyl Benzene	11.75	91	207077	21.443	ug/l	100
68) m/p-Xylenes	11.86	106	158580	42.631	ug/l	98
69) o-Xylene	12.18	106	72138	21.508	ug/l	98
70) Styrene	12.20	104	125654	21.642	ug/l	98
71) Bromoform	12.36	173	23422	21.108	ug/l #	98
73) Isopropylbenzene	12.48	105	197619	21.299	ug/l	100
74) N-amyl acetate	12.29	43	46463	22.509	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	34257	21.862	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	26206m	24.349	ug/l	
77) Bromobenzene	12.77	156	47335	21.562	ug/l	98
78) n-propylbenzene	12.83	91	242282	21.693	ug/l	100
79) 2-Chlorotoluene	12.91	91	134513	21.955	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	166237	21.530	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	10740	21.561	ug/l	99
82) 4-Chlorotoluene	13.01	91	144486	21.970	ug/l	99
83) tert-Butylbenzene	13.23	119	145959	21.786	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	167650	21.693	ug/l	99
85) sec-Butylbenzene	13.41	105	201417	21.603	ug/l	99
86) p-Isopropyltoluene	13.52	119	187941	21.993	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	93705	21.648	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	92477	21.478	ug/l	96
89) n-Butylbenzene	13.85	91	175223	21.499	ug/l	99
90) Hexachloroethane	14.12	117	36864	21.551	ug/l	100
91) 1,2-Dichlorobenzene	13.90	146	80781	21.685	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5679	21.777	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	53626	21.172	ug/l	99
94) Hexachlorobutadiene	15.27	225	29571	19.313	ug/l	99
95) Naphthalene	15.41	128	89035	20.752	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	45916	21.048	ug/l #	27

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

