

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD081920\
 Data File : VD066316.D
 Acq On : 19 Aug 2020 14:05
 Operator : VA/SY
 Sample : VD0819SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0819SBS01

Manual Integrations
 APPROVED

MMDadoda
 8/20/2020 3:36:54 PM

Quant Time: Aug 19 16:15:16 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	257605	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	357749	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	330402	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	173673	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	110034	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	
35) Dibromofluoromethane	7.91	113	110591	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
50) Toluene-d8	10.34	98	412960	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
62) 4-Bromofluorobenzene	12.63	95	147577	48.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	47721	21.026	ug/l	95
3) Chloromethane	2.20	50	31500	17.842	ug/l #	85
4) Vinyl Chloride	2.34	62	32970	21.093	ug/l	98
5) Bromomethane	2.76	94	22533	21.729	ug/l	84
6) Chloroethane	2.92	64	20375	21.236	ug/l	97
7) Trichlorofluoromethane	3.27	101	86379	21.197	ug/l	93
8) Diethyl Ether	3.71	74	20801	18.091	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.10	101	47609	19.686	ug/l	98
10) Methyl Iodide	4.30	142	48162	25.650	ug/l	96
11) Tert butyl alcohol	5.19	59	19410m	88.575	ug/l	
12) 1,1-Dichloroethene	4.06	96	42456	18.610	ug/l	98
13) Acrolein	3.91	56	8927	48.799	ug/l	97
14) Allyl chloride	4.71	41	59583	17.239	ug/l	91
15) Acrylonitrile	5.41	53	42324	87.352	ug/l	99
16) Acetone	4.15	43	44296	101.580	ug/l	93
17) Carbon Disulfide	4.40	76	125901	17.357	ug/l	99
18) Methyl Acetate	4.71	43	19694	17.780	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	94079	17.992	ug/l	99
20) Methylene Chloride	4.96	84	60823	21.642	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	46454	17.725	ug/l	93
22) Diisopropyl ether	6.36	45	116275	17.012	ug/l	93
23) Vinyl Acetate	6.30	43	339575	84.807	ug/l	97
24) 1,1-Dichloroethane	6.27	63	78045	18.451	ug/l	98
25) 2-Butanone	7.21	43	56971	88.826	ug/l	97
26) 2,2-Dichloropropane	7.20	77	80864	21.330	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	51016	18.559	ug/l	98
28) Bromochloromethane	7.54	49	29719	20.005	ug/l	98
29) Tetrahydrofuran	7.56	42	32704	82.300	ug/l	97
30) Chloroform	7.71	83	86761	19.535	ug/l	100
31) Cyclohexane	7.98	56	70659	17.549	ug/l	93
32) 1,1,1-Trichloroethane	7.90	97	85372	20.501	ug/l	97
36) 1,1-Dichloropropene	8.11	75	68541	20.388	ug/l	97
37) Ethyl Acetate	7.29	43	23036	17.295	ug/l #	79
38) Carbon Tetrachloride	8.10	117	81785	21.816	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	77857	19.159	ug/l	98
40) Benzene	8.35	78	182563	19.576	ug/l	99
41) Methacrylonitrile	7.53	41	16050m	20.494	ug/l	
42) 1,2-Dichloroethane	8.42	62	57284	20.909	ug/l	97
43) Isopropyl Acetate	8.45	43	47142	17.963	ug/l	98
44) Trichloroethene	9.11	130	58737	20.901	ug/l	96
45) 1,2-Dichloropropane	9.38	63	42235	18.517	ug/l	95
46) Dibromomethane	9.47	93	24337	19.371	ug/l	97
47) Bromodichloromethane	9.66	83	68483	20.624	ug/l #	93
48) Methyl methacrylate	9.45	41	21881	16.328	ug/l #	78
49) 1,4-Dioxane	9.46	88	5756	356.610	ug/l	91
51) 4-Methyl-2-Pentanone	10.23	43	118453	87.871	ug/l	98
52) Toluene	10.40	92	121122	19.738	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	63426	20.128	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	70362	19.058	ug/l	92
55) 1,1,2-Trichloroethane	10.80	97	34624	19.139	ug/l	94
56) Ethyl methacrylate	10.66	69	39649	18.244	ug/l	95
57) 1,3-Dichloropropane	10.94	76	57977	19.304	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	98398	100.658	ug/l	98
59) 2-Hexanone	10.98	43	84784	89.617	ug/l	98
60) Dibromochloromethane	11.14	129	51385	20.574	ug/l	100
61) 1,2-Dibromoethane	11.24	107	35083	20.165	ug/l	95
64) Tetrachloroethene	10.87	164	51602	20.339	ug/l	94
65) Chlorobenzene	11.67	112	134600	20.068	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.74	131	53276	20.301	ug/l	98
67) Ethyl Benzene	11.74	91	234345	20.162	ug/l	96
68) m/p-Xylenes	11.85	106	179991	39.969	ug/l	95
69) o-Xylene	12.18	106	83487	20.380	ug/l	97
70) Styrene	12.20	104	143977	20.055	ug/l	98
71) Bromoform	12.36	173	30870	19.854	ug/l #	99
73) Isopropylbenzene	12.48	105	238925	20.609	ug/l	98
74) N-amyl acetate	12.29	43	44006	17.238	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	35255	17.834	ug/l	97
76) 1,2,3-Trichloropropane	12.78	75	35130m	24.256	ug/l	
77) Bromobenzene	12.76	156	59777	20.030	ug/l	97
78) n-propylbenzene	12.82	91	273022	20.260	ug/l	99
79) 2-Chlorotoluene	12.91	91	153506	19.916	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	200517	20.682	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	13275	20.262	ug/l	95
82) 4-Chlorotoluene	13.00	91	165889	20.389	ug/l	100
83) tert-Butylbenzene	13.23	119	172721	20.257	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	196339	20.235	ug/l	98
85) sec-Butylbenzene	13.40	105	238589	20.726	ug/l	99
86) p-Isopropyltoluene	13.52	119	226474	20.975	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	109568	19.535	ug/l	96
88) 1,4-Dichlorobenzene	13.60	146	112016	20.026	ug/l	99
89) n-Butylbenzene	13.85	91	197831	20.450	ug/l	99
90) Hexachloroethane	14.11	117	42707	19.832	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	98033	19.763	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	6339	18.658	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	72284	19.774	ug/l	97
94) Hexachlorobutadiene	15.27	225	43244	20.090	ug/l	97
95) Naphthalene	15.41	128	107492	18.047	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	60081	18.619	ug/l	96

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

