

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061920\
 Data File : VD065823.D
 Acq On : 19 Jun 2020 12:40
 Operator : VA/SY
 Sample : VD0619SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0619SBS01

Quant Time: Jun 20 01:37:39 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	180841	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	290945	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	267609	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	137459	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	94008	52.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.22%	
35) Dibromofluoromethane	7.91	113	89662	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
50) Toluene-d8	10.34	98	345421	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
62) 4-Bromofluorobenzene	12.64	95	117931	50.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	29991	22.486	ug/l	99
3) Chloromethane	2.21	50	55540	24.490	ug/l	99
4) Vinyl Chloride	2.35	62	63544	23.816	ug/l	98
5) Bromomethane	2.76	94	44839	24.031	ug/l	99
6) Chloroethane	2.92	64	42997	23.834	ug/l	97
7) Trichlorofluoromethane	3.27	101	67604	22.364	ug/l	92
8) Diethyl Ether	3.71	74	16420	20.661	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.09	101	40020	22.202	ug/l	99
10) Methyl Iodide	4.30	142	34081	19.417	ug/l	98
11) Tert butyl alcohol	5.21	59	12737	106.780	ug/l #	90
12) 1,1-Dichloroethene	4.07	96	34902	21.245	ug/l	90
13) Acrolein	3.91	56	8407	83.760	ug/l	98
14) Allyl chloride	4.71	41	57983	21.354	ug/l	97
15) Acrylonitrile	5.42	53	37961	105.165	ug/l	99
16) Acetone	4.15	43	37336	110.764	ug/l	92
17) Carbon Disulfide	4.40	76	117823	21.368	ug/l	97
18) Methyl Acetate	4.71	43	18648	22.532	ug/l #	77
19) Methyl tert-butyl Ether	5.47	73	77392	20.798	ug/l	97
20) Methylene Chloride	4.96	84	58142	30.768	ug/l	99
21) trans-1,2-Dichloroethene	5.47	96	42340	22.007	ug/l	98
22) Diisopropyl ether	6.36	45	120226	21.914	ug/l	99
23) Vinyl Acetate	6.30	43	331168	106.895	ug/l	99
24) 1,1-Dichloroethane	6.26	63	73527	21.995	ug/l	98
25) 2-Butanone	7.21	43	48531	104.251	ug/l	96
26) 2,2-Dichloropropane	7.21	77	66420	22.409	ug/l	99
27) cis-1,2-Dichloroethene	7.20	96	44720	21.608	ug/l	97
28) Bromochloromethane	7.54	49	27465	21.273	ug/l	95
29) Tetrahydrofuran	7.56	42	31102	105.710	ug/l	94
30) Chloroform	7.71	83	76670	22.128	ug/l	94
31) Cyclohexane	7.98	56	66318	20.694	ug/l	91
32) 1,1,1-Trichloroethane	7.90	97	71267	22.369	ug/l	99
36) 1,1-Dichloropropene	8.11	75	59063	21.192	ug/l	99
37) Ethyl Acetate	7.29	43	23458	21.368	ug/l	99
38) Carbon Tetrachloride	8.09	117	62148	21.188	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	70301	21.305	ug/l	97
40) Benzene	8.35	78	160751	21.098	ug/l	96
41) Methacrylonitrile	7.52	41	12779	19.550	ug/l #	87
42) 1,2-Dichloroethane	8.42	62	48811	21.232	ug/l	99
43) Isopropyl Acetate	8.45	43	43733	20.034	ug/l	98
44) Trichloroethene	9.11	130	45304	21.366	ug/l	90
45) 1,2-Dichloropropane	9.38	63	39200	20.476	ug/l	99
46) Dibromomethane	9.47	93	21589	20.793	ug/l	95
47) Bromodichloromethane	9.67	83	58066	20.869	ug/l	95
48) Methyl methacrylate	9.46	41	22335	21.137	ug/l	96
49) 1,4-Dioxane	9.46	88	4535	410.350	ug/l	90
51) 4-Methyl-2-Pentanone	10.23	43	109414	102.287	ug/l	96
52) Toluene	10.40	92	103231	20.852	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	50571	20.072	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	63534	21.351	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	29904	21.555	ug/l	98
56) Ethyl methacrylate	10.66	69	32852	20.132	ug/l	98
57) 1,3-Dichloropropane	10.95	76	51689	21.505	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.94	63	76652	101.037	ug/l	100
59) 2-Hexanone	10.99	43	75969	105.342	ug/l	99
60) Dibromochloromethane	11.14	129	38119	20.339	ug/l	99
61) 1,2-Dibromoethane	11.25	107	27258	19.992	ug/l	94
64) Tetrachloroethene	10.88	164	37625	20.792	ug/l	98
65) Chlorobenzene	11.67	112	108678	20.802	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	41190	21.151	ug/l	100
67) Ethyl Benzene	11.75	91	198700	21.290	ug/l	95
68) m/p-Xylenes	11.86	106	153476	42.693	ug/l	100
69) o-Xylene	12.18	106	67801	20.918	ug/l	97
70) Styrene	12.20	104	119549	21.306	ug/l	98
71) Bromoform	12.36	173	21597	20.139	ug/l #	94
73) Isopropylbenzene	12.48	105	189147	20.523	ug/l	99
74) N-amyl acetate	12.29	43	40591	19.797	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	32004	20.562	ug/l	96
76) 1,2,3-Trichloropropane	12.79	75	22957m	21.474	ug/l	
77) Bromobenzene	12.77	156	43966	20.163	ug/l	97
78) n-propylbenzene	12.83	91	232211	20.932	ug/l	99
79) 2-Chlorotoluene	12.91	91	129436	21.269	ug/l	96
80) 1,3,5-Trimethylbenzene	12.97	105	160088	20.874	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.54	75	10473	21.167	ug/l	96
82) 4-Chlorotoluene	13.01	91	138611	21.219	ug/l	100
83) tert-Butylbenzene	13.23	119	138844	20.864	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	160227	20.873	ug/l	99
85) sec-Butylbenzene	13.41	105	197516	21.328	ug/l	98
86) p-Isopropyltoluene	13.52	119	174150	20.516	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	87809	20.423	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	87766	20.521	ug/l	96
89) n-Butylbenzene	13.85	91	171807	21.222	ug/l	98
90) Hexachloroethane	14.12	117	36264	21.344	ug/l	97
91) 1,2-Dichlorobenzene	13.90	146	76807	20.758	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5025	19.399	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	49098	19.515	ug/l	97
94) Hexachlorobutadiene	15.28	225	28096	18.474	ug/l	96
95) Naphthalene	15.41	128	76497	17.950	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	42562	19.643	ug/l	97

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

