

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD061820\
 Data File : VD065801.D
 Acq On : 18 Jun 2020 12:04
 Operator : VA/SY
 Sample : VD0618SBS01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0618SBS01

Quant Time: Jun 19 01:14:44 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	208575	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	326014	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	296390	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	149531	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	103792	50.36	ug/l	0.00
Spiked Amount			Recovery	=	100.72%	
35) Dibromofluoromethane	7.92	113	100350	48.73	ug/l	0.00
Spiked Amount			Recovery	=	97.46%	
50) Toluene-d8	10.34	98	390180	50.81	ug/l	0.00
Spiked Amount			Recovery	=	101.62%	
62) 4-Bromofluorobenzene	12.64	95	129831	49.85	ug/l	0.00
Spiked Amount			Recovery	=	99.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.99	85	34668	22.546	ug/l	99
3) Chloromethane	2.21	50	57841	21.484	ug/l	96
4) Vinyl Chloride	2.35	62	65695	21.349	ug/l	98
5) Bromomethane	2.76	94	46163	21.451	ug/l	98
6) Chloroethane	2.92	64	43485	20.899	ug/l	99
7) Trichlorofluoromethane	3.27	101	73534	21.091	ug/l	99
8) Diethyl Ether	3.71	74	17456	19.044	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.10	101	42760	20.568	ug/l	99
10) Methyl Iodide	4.30	142	39266	19.396	ug/l	98
11) Tert butyl alcohol	5.21	59	14151	101.336	ug/l #	74
12) 1,1-Dichloroethene	4.06	96	40305	21.271	ug/l	95
13) Acrolein	3.93	56	9781	84.492	ug/l	96
14) Allyl chloride	4.71	41	63818	20.378	ug/l	98
15) Acrylonitrile	5.43	53	41387	99.411	ug/l	99
16) Acetone	4.16	43	42084	108.249	ug/l	97
17) Carbon Disulfide	4.41	76	130973	20.595	ug/l	100
18) Methyl Acetate	4.71	43	19549	20.123	ug/l #	52
19) Methyl tert-butyl Ether	5.47	73	83505	19.457	ug/l #	90
20) Methylene Chloride	4.96	84	63731	28.999	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	43994	19.826	ug/l	96
22) Diisopropyl ether	6.36	45	126724	20.027	ug/l	96
23) Vinyl Acetate	6.31	43	359885	100.718	ug/l	98
24) 1,1-Dichloroethane	6.26	63	78644	20.398	ug/l	96
25) 2-Butanone	7.21	43	50451	93.965	ug/l #	90
26) 2,2-Dichloropropane	7.21	77	70299	20.564	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	49517	20.744	ug/l	98
28) Bromochloromethane	7.55	49	30939	20.777	ug/l	97
29) Tetrahydrofuran	7.57	42	32463	95.665	ug/l	97
30) Chloroform	7.71	83	79600	19.919	ug/l	97
31) Cyclohexane	7.98	56	75347	20.385	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	74517	20.279	ug/l	98
36) 1,1-Dichloropropene	8.11	75	63775	20.421	ug/l	98
37) Ethyl Acetate	7.29	43	26297	21.378	ug/l	97
38) Carbon Tetrachloride	8.09	117	67200	20.446	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	75072	20.303	ug/l	94
40) Benzene	8.35	78	174370	20.424	ug/l	99
41) Methacrylonitrile	7.53	41	16419	22.416	ug/l	99
42) 1,2-Dichloroethane	8.43	62	50983	19.791	ug/l	99
43) Isopropyl Acetate	8.46	43	46844	19.151	ug/l	100
44) Trichloroethene	9.11	130	47750	20.097	ug/l	94
45) 1,2-Dichloropropane	9.39	63	41660	19.420	ug/l	93
46) Dibromomethane	9.48	93	22799	19.596	ug/l	96
47) Bromodichloromethane	9.67	83	61730	19.800	ug/l	100
48) Methyl methacrylate	9.46	41	24313	20.534	ug/l	94
49) 1,4-Dioxane	9.46	88	4216	340.449	ug/l	90
51) 4-Methyl-2-Pentanone	10.23	43	117612	98.124	ug/l	96
52) Toluene	10.40	92	112411	20.264	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	54584	19.334	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	68445	20.527	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	31722	20.406	ug/l	94
56) Ethyl methacrylate	10.67	69	35950	19.661	ug/l	99
57) 1,3-Dichloropropane	10.95	76	52663	19.554	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	88403	103.992	ug/l	100
59) 2-Hexanone	10.98	43	80790	99.977	ug/l	100
60) Dibromochloromethane	11.14	129	40520	19.295	ug/l	99
61) 1,2-Dibromoethane	11.25	107	29879	19.557	ug/l	99
64) Tetrachloroethene	10.88	164	39775	19.846	ug/l	98
65) Chlorobenzene	11.67	112	118402	20.463	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.75	131	42270	19.598	ug/l	96
67) Ethyl Benzene	11.75	91	213061	20.612	ug/l	97
68) m/p-Xylenes	11.86	106	158478	39.803	ug/l	96
69) o-Xylene	12.18	106	71009	19.780	ug/l	96
70) Styrene	12.20	104	124039	19.959	ug/l	98
71) Bromoform	12.37	173	22813	19.208	ug/l #	100
73) Isopropylbenzene	12.48	105	200950	20.044	ug/l	100
74) N-amyl acetate	12.29	43	43768	19.623	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.74	83	34605	20.438	ug/l	95
76) 1,2,3-Trichloropropane	12.79	75	24342m	20.932	ug/l	
77) Bromobenzene	12.76	156	47551	20.046	ug/l	98
78) n-propylbenzene	12.83	91	245886	20.375	ug/l	99
79) 2-Chlorotoluene	12.91	91	134797	20.361	ug/l	98
80) 1,3,5-Trimethylbenzene	12.96	105	167033	20.021	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	10427	19.373	ug/l	99
82) 4-Chlorotoluene	13.01	91	144759	20.372	ug/l	98
83) tert-Butylbenzene	13.23	119	138943	19.194	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	171029	20.481	ug/l	97
85) sec-Butylbenzene	13.41	105	205288	20.377	ug/l	100
86) p-Isopropyltoluene	13.52	119	187715	20.329	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	93307	19.950	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	92629	19.910	ug/l	96
89) n-Butylbenzene	13.85	91	178080	20.221	ug/l	99
90) Hexachloroethane	14.12	117	37528	20.304	ug/l	99
91) 1,2-Dichlorobenzene	13.90	146	79317	19.705	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	5470	19.412	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	52742	19.271	ug/l	99
94) Hexachlorobutadiene	15.27	225	31425	18.994	ug/l	99
95) Naphthalene	15.41	128	85704	18.487	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	44154	18.732	ug/l	98

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

