

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020320\
 Data File : VD065048.D
 Acq On : 03 Feb 2020 12:20
 Operator : VA/SY
 Sample : L1329-22RE
 Misc : 5.05G/5.00ml/MSVOA D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 628-629RE

Quant Time: Feb 03 12:51:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D012320S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 13:45:59 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	5593	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	7440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	6854	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	1851	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.34	65	2618	48.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.60%	
35) Dibromofluoromethane	7.91	113	2496	53.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.78%	
50) Toluene-d8	10.35	98	7863	43.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.14%	
62) 4-Bromofluorobenzene	12.64	95	2210	40.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	61	1.448	ug/l #	43
3) Chloromethane	2.20	50	316	5.117	ug/l #	44
5) Bromomethane	2.80	94	61	1.279	ug/l #	3
6) Chloroethane	2.93	64	121	2.588	ug/l #	43
7) Trichlorofluoromethane	3.30	101	208	1.899	ug/l #	17
9) 1,1,2-Trichlorotrifluoroet	4.09	101	59	1.158	ug/l #	17
10) Methyl Iodide	4.33	142	113	2.089	ug/l #	39
12) 1,1-Dichloroethene	4.07	96	145	2.978	ug/l #	48
16) Acetone	4.16	43	126	21.779	ug/l #	45
17) Carbon Disulfide	4.40	76	250	1.560	ug/l #	75
18) Methyl Acetate	4.75	43	60	2.388	ug/l #	51
20) Methylene Chloride	4.97	84	215	Below Cal	#	6
21) trans-1,2-Dichloroethene	5.47	96	298	5.313	ug/l #	1
25) 2-Butanone	7.22	43	54	3.726	ug/l #	49
27) cis-1,2-Dichloroethene	7.24	96	73	1.219	ug/l #	53
29) Tetrahydrofuran	7.58	42	150	16.773	ug/l #	34
30) Chloroform	7.72	83	243	2.474	ug/l #	17
31) Cyclohexane	7.98	56	519	5.553	ug/l #	61
36) 1,1-Dichloropropene	8.12	75	375	5.227	ug/l #	66
37) Ethyl Acetate	7.35	43	126	4.252	ug/l #	69
38) Carbon Tetrachloride	7.99	117	219	2.888	ug/l #	14
39) Methylcyclohexane	9.37	83	530	6.319	ug/l #	19
40) Benzene	8.37	78	1121	5.673	ug/l #	51
41) Methacrylonitrile	7.42	41	71	4.448	ug/l #	24
42) 1,2-Dichloroethane	8.43	62	135	2.294	ug/l #	75
44) Trichloroethene	9.11	130	500	9.042	ug/l	75
48) Methyl methacrylate	9.48	41	60	2.316	ug/l #	13
51) 4-Methyl-2-Pentanone	10.23	43	734	26.060	ug/l #	72
52) Toluene	10.41	92	430	3.375	ug/l #	35
55) 1,1,2-Trichloroethane	10.95	97	59	1.675	ug/l #	16
59) 2-Hexanone	10.99	43	325	16.729	ug/l #	25
60) Dibromochloromethane	10.88	129	174	3.696	ug/l #	11
64) Tetrachloroethene	10.88	164	444	8.964	ug/l #	44
65) Chlorobenzene	11.67	112	550	3.952	ug/l #	42

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

67) Ethyl Benzene	11.75	91	1068	4.323	ug/l #	44
68) m/p-Xylenes	11.86	106	508	5.340	ug/l #	50
69) o-Xylene	12.18	106	190	2.251	ug/l #	18
70) Styrene	12.21	104	514	3.418	ug/l #	27
73) Isopropylbenzene	12.48	105	703	5.557	ug/l	79
74) N-amyl acetate	12.29	43	71	2.508	ug/l #	44
76) 1,2,3-Trichloropropane	12.78	75	66	4.296	ug/l #	100
77) Bromobenzene	12.77	156	133	4.297	ug/l #	27
78) n-propylbenzene	12.83	91	1040	6.912	ug/l	98
79) 2-Chlorotoluene	12.91	91	571	6.918	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.97	105	742	7.157	ug/l #	43
81) trans-1,4-Dichloro-2-buten	12.64	75	1171	162.747	ug/l #	9
82) 4-Chlorotoluene	13.01	91	724	8.271	ug/l #	56
83) tert-Butylbenzene	13.23	119	752	8.547	ug/l	83
84) 1,2,4-Trimethylbenzene	13.28	105	891	8.484	ug/l	95
85) sec-Butylbenzene	13.41	105	921	7.393	ug/l #	72
86) p-Isopropyltoluene	13.53	119	464	3.980	ug/l	93
87) 1,3-Dichlorobenzene	13.52	146	251	4.226	ug/l #	14
88) 1,4-Dichlorobenzene	13.61	146	231	3.919	ug/l #	1
89) n-Butylbenzene	13.86	91	904	8.497	ug/l #	69
90) Hexachloroethane	14.24	117	62	2.758	ug/l #	8
91) 1,2-Dichlorobenzene	13.90	146	448	8.885	ug/l	77
92) 1,2-Dibromo-3-Chloropropan	14.69	75	72	21.159	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.17	180	315	9.030	ug/l #	54
94) Hexachlorobutadiene	15.28	225	294	13.325	ug/l #	42
95) Naphthalene	15.41	128	435	7.727	ug/l #	68
96) 1,2,3-Trichlorobenzene	15.61	180	76	2.513	ug/l #	14

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

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