

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD011720\
 Data File : VD064862.D
 Acq On : 17 Jan 2020 14:47
 Operator : VA/SY
 Sample : L1176-01
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EP-1

Quant Time: Jan 17 22:52:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D122419S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 24 13:19:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	8.00	168	8347	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.86	114	11880	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	12150	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	5387	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	5536	75.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	150.42%	
35) Dibromofluoromethane	7.92	113	4985	68.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	136.78%	
50) Toluene-d8	10.35	98	15549	55.70	ug/l	0.01
Spiked Amount	50.000		Recovery	=	111.40%	
62) 4-Bromofluorobenzene	12.63	95	4794	54.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	300	4.625	ug/l #	43
3) Chloromethane	2.21	50	871	9.601	ug/l #	64
4) Vinyl Chloride	2.34	62	538	4.864	ug/l #	41
5) Bromomethane	2.80	94	625	7.771	ug/l	93
7) Trichlorofluoromethane	3.27	101	454	2.438	ug/l #	17
10) Methyl Iodide	4.30	142	276	3.331	ug/l #	39
12) 1,1-Dichloroethene	4.07	96	128	1.743	ug/l #	66
15) Acrylonitrile	5.47	53	71	4.609	ug/l #	17
16) Acetone	4.19	43	196	15.344	ug/l #	42
17) Carbon Disulfide	4.41	76	765	3.222	ug/l #	75
18) Methyl Acetate	4.73	43	155	3.741	ug/l #	51
20) Methylene Chloride	4.97	84	133	Below Cal	#	7
21) trans-1,2-Dichloroethene	5.47	96	468	5.596	ug/l #	1
22) Diisopropyl ether	6.37	45	591	2.588	ug/l #	71
23) Vinyl Acetate	6.37	43	141	1.088	ug/l #	72
24) 1,1-Dichloroethane	6.27	63	482	3.516	ug/l #	80
25) 2-Butanone	7.21	43	107	5.289	ug/l #	49
26) 2,2-Dichloropropane	7.20	77	145	1.138	ug/l #	53
27) cis-1,2-Dichloroethene	7.22	96	293	3.246	ug/l #	31
28) Bromochloromethane	7.41	49	58	1.088	ug/l #	11
29) Tetrahydrofuran	7.59	42	53	4.213	ug/l #	33
30) Chloroform	7.73	83	193	1.342	ug/l	90
31) Cyclohexane	7.99	56	855	6.230	ug/l #	66
32) 1,1,1-Trichloroethane	7.91	97	297	2.198	ug/l #	39
36) 1,1-Dichloropropene	8.11	75	659	5.763	ug/l #	41
37) Ethyl Acetate	7.21	43	107	2.382	ug/l #	1
38) Carbon Tetrachloride	7.98	117	865	7.095	ug/l #	12
39) Methylcyclohexane	9.36	83	809	5.841	ug/l #	67
40) Benzene	8.35	78	1433	4.591	ug/l #	51
41) Methacrylonitrile	7.51	41	105	4.029	ug/l #	54
44) Trichloroethene	9.11	130	648	7.067	ug/l	93
48) Methyl methacrylate	9.46	41	173	4.109	ug/l #	15
51) 4-Methyl-2-Pentanone	10.24	43	459	10.386	ug/l #	66
52) Toluene	10.40	92	855	4.175	ug/l	95

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

55) 1,1,2-Trichloroethane	10.81	97	63	1.125	ug/l #	15
59) 2-Hexanone	10.98	43	394	13.135	ug/l #	26
60) Dibromochloromethane	10.87	129	582	7.516	ug/l #	11
64) Tetrachloroethene	10.87	164	628	6.737	ug/l #	76
65) Chlorobenzene	11.67	112	1096	4.346	ug/l #	68
67) Ethyl Benzene	11.75	91	1640	3.583	ug/l	98
68) m/p-Xylenes	11.86	106	1058	5.989	ug/l	95
69) o-Xylene	12.18	106	529	3.315	ug/l	93
70) Styrene	12.20	104	522	1.864	ug/l	91
73) Isopropylbenzene	12.49	105	1465	3.806	ug/l	95
74) N-amyl acetate	12.30	43	83	1.009	ug/l #	43
76) 1,2,3-Trichloropropane	12.77	75	195	4.584	ug/l #	100
77) Bromobenzene	12.77	156	132	1.395	ug/l #	1
78) n-propylbenzene	12.82	91	1665	3.707	ug/l	97
79) 2-Chlorotoluene	12.91	91	796	3.226	ug/l	80
80) 1,3,5-Trimethylbenzene	12.97	105	912	2.884	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.64	75	2863	140.762	ug/l #	10
82) 4-Chlorotoluene	12.91	91	796	3.032	ug/l	80
83) tert-Butylbenzene	13.23	119	725	2.641	ug/l #	76
84) 1,2,4-Trimethylbenzene	13.28	105	963	3.058	ug/l	82
85) sec-Butylbenzene	13.40	105	1444	3.836	ug/l	100
86) p-Isopropyltoluene	13.52	119	1424	3.956	ug/l	94
87) 1,3-Dichlorobenzene	13.61	146	853	4.730	ug/l	86
88) 1,4-Dichlorobenzene	13.61	146	853	4.815	ug/l	87
89) n-Butylbenzene	13.86	91	1171	3.613	ug/l #	83
90) Hexachloroethane	14.13	117	76	1.105	ug/l #	5
91) 1,2-Dichlorobenzene	13.90	146	771	5.014	ug/l #	72
92) 1,2-Dibromo-3-Chloropropan	14.46	75	55	5.610	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.17	180	595	5.255	ug/l	83
94) Hexachlorobutadiene	15.29	225	264	3.706	ug/l	79
95) Naphthalene	15.41	128	1259	7.029	ug/l #	81
96) 1,2,3-Trichlorobenzene	15.60	180	609	6.301	ug/l #	79

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

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