

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD020320\
 Data File : VD065053.D
 Acq On : 03 Feb 2020 14:44
 Operator : VA/SY
 Sample : L1346-02
 Misc : 7.14G/5.00ml/MSVOA D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PD-2-(28-29)

Quant Time: Feb 03 15:04:43 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	8.00	168	633232	50.00	ug/l	0.02
34) 1,4-Difluorobenzene	8.88	114	1010629	50.00	ug/l	0.02
63) Chlorobenzene-d5	11.66	117	840084	50.00	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.58	152	1388766	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.37	65	411291	67.71	ug/l	0.03
Spiked Amount	50.000		Recovery	=	135.42%	
35) Dibromofluoromethane	7.93	113	254137	40.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	80.04%	
50) Toluene-d8	10.42	98	18113325	738.95	ug/l	0.08
Spiked Amount	50.000		Recovery	=	1477.90%	
62) 4-Bromofluorobenzene	12.66	95	11387139	1518.03	ug/l	0.02
Spiked Amount	50.000		Recovery	=	3036.06%	

Target Compounds

						Qvalue
11) Tert butyl alcohol	5.20	59	942	2.806	ug/l #	74
13) Acrolein	4.16	56	963899	2290.732	ug/l #	46
15) Acrylonitrile	5.57	53	7861105	6483.928	ug/l #	41
16) Acetone	4.16	43	5072221	Below Cal	#	55
17) Carbon Disulfide	4.40	76	56340	3.106	ug/l	100
20) Methylene Chloride	5.16	84	2142576	408.644	ug/l #	1
24) 1,1-Dichloroethane	6.38	63	81372	7.564	ug/l #	84
26) 2,2-Dichloropropane	7.10	77	1339218	137.252	ug/l #	53
30) Chloroform	7.74	83	64955323	5841.300	ug/l #	17
32) 1,1,1-Trichloroethane	8.13	97	105226	10.172	ug/l #	24
36) 1,1-Dichloropropene	8.00	75	57659	5.917	ug/l #	42
37) Ethyl Acetate	7.59	43	1066471	264.937	ug/l #	69
38) Carbon Tetrachloride	8.01	117	55565	5.394	ug/l #	16
39) Methylcyclohexane	9.11	83	2536991	222.671	ug/l #	42
40) Benzene	8.38	78	38662	1.440	ug/l #	1
41) Methacrylonitrile	7.73	41	22493749	10373.155	ug/l #	24
42) 1,2-Dichloroethane	8.61	62	526008	65.790	ug/l #	75
45) 1,2-Dichloropropane	9.38	63	2717257	417.613	ug/l #	1
46) Dibromomethane	9.51	93	2190978	616.771	ug/l #	1
49) 1,4-Dioxane	9.47	88	3848	93.399	ug/l #	27
52) Toluene	10.51	92	1720629	99.433	ug/l	93
53) t-1,3-Dichloropropene	10.49	75	10212	1.160	ug/l #	1
54) cis-1,3-Dichloropropene	9.93	75	287502	27.889	ug/l #	1
55) 1,1,2-Trichloroethane	10.71	97	1814047	379.109	ug/l #	17
56) Ethyl methacrylate	10.64	69	476962	83.355	ug/l #	22
57) 1,3-Dichloropropane	10.98	76	111715	13.612	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.92	63	4221932	2220.909	ug/l #	46
59) 2-Hexanone	10.88	43	2870268	1087.621	ug/l #	40
60) Dibromochloromethane	11.03	129	3352464	524.196	ug/l #	11
61) 1,2-Dibromoethane	11.37	107	2035719	441.831	ug/l	90
64) Tetrachloroethene	10.94	164	10138	1.670	ug/l #	1
65) Chlorobenzene	11.64	112	1492914	87.526	ug/l #	53
67) Ethyl Benzene	11.79	91	23753117	784.405	ug/l #	56
68) m/p-Xylenes	11.90	106	7800430	669.042	ug/l	84

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

69) o-Xylene	12.23	106	78805	7.616	ug/l #	1
70) Styrene	12.14	104	43234	2.345	ug/l #	1
73) Isopropylbenzene	12.37	105	452147	4.763	ug/l #	48
74) N-amyl acetate	12.42	43	11227501	528.596	ug/l #	49
75) 1,1,2,2-Tetrachloroethane	12.68	83	6067226	380.308	ug/l #	26
76) 1,2,3-Trichloropropane	12.86	75	1943250	168.584	ug/l #	100
77) Bromobenzene	12.77	156	185732	7.997	ug/l #	1
78) n-propylbenzene	12.94	91	16324025	144.609	ug/l	89
79) 2-Chlorotoluene	12.81	91	3029452	48.920	ug/l	88
80) 1,3,5-Trimethylbenzene	12.92	105	3155018	40.560	ug/l #	41
81) trans-1,4-Dichloro-2-buten	12.51	75	1284704	237.978	ug/l #	1
82) 4-Chlorotoluene	12.81	91	3029452	46.129	ug/l	88
83) tert-Butylbenzene	13.29	119	17513178	265.304	ug/l #	80
84) 1,2,4-Trimethylbenzene	13.47	105	1310556	16.632	ug/l #	1
85) sec-Butylbenzene	13.47	105	1310556	14.022	ug/l #	1
86) p-Isopropyltoluene	13.68	119	6541354	74.791	ug/l	91
89) n-Butylbenzene	13.98	91	11074931	138.751	ug/l	85
90) Hexachloroethane	14.15	117	18828632	1116.329	ug/l #	8
91) 1,2-Dichlorobenzene	13.94	146	70065	1.852	ug/l #	48
92) 1,2-Dibromo-3-Chloropropan	14.50	75	589024	230.713	ug/l #	1
95) Naphthalene	15.41	128	8298922	196.477	ug/l #	92

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

