

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020320\
 Data File : VY001468.D
 Acq On : 03 Feb 2020 12:53
 Operator : SY/MD
 Sample : L1346-02
 Misc : 8.16G/5ML/MSVOA Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Feb 03 15:19:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y012120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 23 01:21:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.83	168	51068	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	8.72	114	123821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.54	117	93979	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	13.53	152	58987	50.00	ug/l	0.10

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.18	65	106706	192.02	ug/l	0.01
Spiked Amount						
						Recovery = 384.04%
35) Dibromofluoromethane	7.75	113	55266	76.05	ug/l	0.00
Spiked Amount						
						Recovery = 152.10%
50) Toluene-d8	10.31	98	5235280	1854.21	ug/l	0.13
Spiked Amount						
						Recovery = 3708.42%
62) 4-Bromofluorobenzene	12.49	95	962236	855.78	ug/l	0.00
Spiked Amount						
						Recovery = 1711.56%

Target Compounds

					Qvalue
3) Chloromethane	2.12	50	2079	3.416 ug/l	97
11) Tert butyl alcohol	4.97	59	522	Below Cal	# 74
13) Acrolein	3.99	56	469240	11991.482 ug/l	# 70
15) Acrylonitrile	5.32	53	2105922	12001.819 ug/l	# 39
16) Acetone	3.99	43	2064788	14538.382 ug/l	# 53
17) Carbon Disulfide	4.23	76	51825	30.391 ug/l	98
18) Methyl Acetate	4.79	43	19916593	42500.912 ug/l	# 51
20) Methylene Chloride	4.65	84	35762	52.312 ug/l	# 15
24) 1,1-Dichloroethane	6.16	63	21785	20.129 ug/l	# 81
26) 2,2-Dichloropropane	6.88	77	273189	283.381 ug/l	# 52
28) Bromochloromethane	7.41	49	1532	3.432 ug/l	# 15
29) Tetrahydrofuran	7.59	42	515624	3276.800 ug/l	# 34
30) Chloroform	7.55	83	4841846	4564.251 ug/l	# 23
31) Cyclohexane	8.05	56	48110774	44772.975 ug/l	# 21
36) 1,1-Dichloropropene	7.87	75	3468	2.965 ug/l	# 47
38) Carbon Tetrachloride	7.84	117	3334	3.198 ug/l	# 16
39) Methylcyclohexane	9.28	83	37294490	24886.767 ug/l	93
41) Methacrylonitrile	7.58	41	7177754	19461.456 ug/l	# 100
42) 1,2-Dichloroethane	8.47	62	125052	127.595 ug/l	# 72
45) 1,2-Dichloropropane	9.25	63	170929	192.772 ug/l	# 1
46) Dibromomethane	9.35	93	284222	597.078 ug/l	# 1
47) Bromodichloromethane	9.59	83	9402757	8262.943 ug/l	# 26
48) Methyl methacrylate	9.32	41	32876282	52036.994 ug/l	# 12
49) 1,4-Dioxane	9.33	88	463	68.972 ug/l	# 23
51) 4-Methyl-2-Pentanone	10.25	43	1008562	1409.194 ug/l	# 36
52) Toluene	10.35	92	123038	55.337 ug/l	# 22
53) t-1,3-Dichloropropene	10.43	75	4419	3.504 ug/l	# 1
55) 1,1,2-Trichloroethane	10.64	97	19774522	28144.746 ug/l	# 22
56) Ethyl methacrylate	10.53	69	1577166	1485.194 ug/l	# 50
57) 1,3-Dichloropropane	10.69	76	53545	43.749 ug/l	# 1
58) 2-Chloroethyl Vinyl ether	9.77	63	109857	298.960 ug/l	# 47
59) 2-Hexanone	10.80	43	11062273	22202.239 ug/l	# 24
60) Dibromochloromethane	10.98	129	77012	98.002 ug/l	# 11
61) 1,2-Dibromoethane	11.14	107	103001	155.074 ug/l	# 1

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

65) Chlorobenzene	11.49	112	102696	51.842	ug/l #	43
67) Ethyl Benzene	11.64	91	2278019	624.003	ug/l	97
68) m/p-Xylenes	11.75	106	350860	257.327	ug/l	97
69) o-Xylene	11.99	106	4521	3.447	ug/l #	1
70) Styrene	12.21	104	3757	1.633	ug/l #	1
73) Isopropylbenzene	12.35	105	6810689	1463.230	ug/l	99
74) N-amyl acetate	12.15	43	4065807	2668.561	ug/l #	50
75) 1,1,2,2-Tetrachloroethane	12.58	83	259707	260.531	ug/l #	38
76) 1,2,3-Trichloropropane	12.69	75	162721	228.927	ug/l #	100
77) Bromobenzene	12.60	156	6298	6.109	ug/l #	1
78) n-propylbenzene	12.69	91	18227096	3253.419	ug/l	89
79) 2-Chlorotoluene	12.78	91	752082	234.984	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.78	105	6190978	1593.444	ug/l	72
81) trans-1,4-Dichloro-2-buten	12.35	75	99240	264.212	ug/l #	4
82) 4-Chlorotoluene	12.78	91	752082	219.987	ug/l #	42
83) tert-Butylbenzene	13.09	119	38600	11.786	ug/l #	26
84) 1,2,4-Trimethylbenzene	13.13	105	3570258	915.285	ug/l	100
85) sec-Butylbenzene	13.27	105	3249940	698.450	ug/l #	49
86) p-Isopropyltoluene	13.38	119	936681	228.433	ug/l	94
89) n-Butylbenzene	13.70	91	4448710	1078.008	ug/l #	68
90) Hexachloroethane	13.98	117	984662	1266.849	ug/l #	15
92) 1,2-Dibromo-3-Chloropropan	14.34	75	25387	147.588	ug/l #	1
95) Naphthalene	15.24	128	222740	79.263	ug/l #	92

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

