

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020320\
 Data File : VY001472.D
 Acq On : 03 Feb 2020 14:22
 Operator : SY/MD
 Sample : L1346-06
 Misc : 11.50G/5ML/MSVOA Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PD-4-(30-32)

Quant Time: Feb 03 14:53:21 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	69042	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	188633	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.52	117	218285	50.00	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.44	152	75014	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.18	65	90858	120.94	ug/l	0.00
Spiked Amount			Recovery	=	241.88%	
35) Dibromofluoromethane	7.75	113	92505	83.56	ug/l	0.00
Spiked Amount			Recovery	=	167.12%	
50) Toluene-d8	10.21	98	1759618	409.09	ug/l	0.02
Spiked Amount			Recovery	=	818.18%	
62) 4-Bromofluorobenzene	12.50	95	746320	435.70	ug/l	0.01
Spiked Amount			Recovery	=	871.40%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	1341	1.630	ug/l	94
11) Tert butyl alcohol	5.00	59	371	Below Cal	#	74
13) Acrolein	3.72	56	17606	319.554	ug/l #	1
14) Allyl chloride	4.61	41	225157	172.235	ug/l #	63
15) Acrylonitrile	5.29	53	677865	2857.482	ug/l #	39
16) Acetone	3.97	43	645382	3355.179	ug/l #	56
17) Carbon Disulfide	4.22	76	33694	14.615	ug/l	100
18) Methyl Acetate	4.60	43	162661	256.745	ug/l #	51
19) Methyl tert-butyl Ether	5.28	73	3954	1.842	ug/l #	1
20) Methylene Chloride	4.91	84	823546	965.295	ug/l #	11
23) Vinyl Acetate	6.08	43	81876	45.432	ug/l #	71
24) 1,1-Dichloroethane	6.14	63	81509	55.707	ug/l #	81
25) 2-Butanone	7.03	43	388317	1187.529	ug/l #	53
26) 2,2-Dichloropropane	6.84	77	149933	115.038	ug/l #	52
28) Bromochloromethane	7.39	49	1928	3.195	ug/l #	15
29) Tetrahydrofuran	7.40	42	69240	325.469	ug/l #	34
30) Chloroform	7.51	83	4159783	2900.446	ug/l #	19
31) Cyclohexane	7.83	56	10606774	7301.169	ug/l #	72
32) 1,1,1-Trichloroethane	7.68	97	5855	4.835	ug/l #	1
36) 1,1-Dichloropropene	7.83	75	18132	10.174	ug/l #	1
37) Ethyl Acetate	7.03	43	388317	356.640	ug/l #	68
38) Carbon Tetrachloride	7.83	117	8253	5.196	ug/l #	15
39) Methylcyclohexane	9.23	83	20653818	9046.921	ug/l #	92
41) Methacrylonitrile	7.39	41	789305	1404.780	ug/l #	100
42) 1,2-Dichloroethane	8.24	62	6562	4.395	ug/l #	1
43) Isopropyl Acetate	8.31	43	8995856	4248.966	ug/l #	53
45) 1,2-Dichloropropane	9.23	63	363319	268.964	ug/l #	1
46) Dibromomethane	9.30	93	65111	89.785	ug/l #	1
47) Bromodichloromethane	9.52	83	4309332	2485.800	ug/l #	33
48) Methyl methacrylate	9.22	41	17181320	17851.005	ug/l #	67
49) 1,4-Dioxane	9.30	88	89	8.703	ug/l #	23
51) 4-Methyl-2-Pentanone	10.02	43	18197748	16690.238	ug/l #	41
52) Toluene	10.27	92	78407	23.148	ug/l	84
53) t-1,3-Dichloropropene	10.39	75	2569	1.337	ug/l #	1

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

55) 1,1,2-Trichloroethane	10.66	97	5724341	5348.026	ug/l #	21
56) Ethyl methacrylate	10.47	69	4712899	2913.201	ug/l #	24
57) 1,3-Dichloropropane	10.81	76	3428	1.839	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.74	63	225498	402.814	ug/l #	47
59) 2-Hexanone	10.84	43	9545174	12575.142	ug/l #	29
60) Dibromochloromethane	10.96	129	38996	32.574	ug/l #	11
61) 1,2-Dibromoethane	11.10	107	51854	51.246	ug/l #	1
65) Chlorobenzene	11.44	112	107031	23.262	ug/l #	57
67) Ethyl Benzene	11.61	91	4120931	485.995	ug/l #	62
68) m/p-Xylenes	11.75	106	29359817	9270.696	ug/l #	1
69) o-Xylene	12.06	106	3426552	1124.709	ug/l #	95
70) Styrene	12.06	104	175600	32.851	ug/l #	1
73) Isopropylbenzene	12.35	105	10706110	1808.703	ug/l #	99
74) N-amyl acetate	12.15	43	2792481	1441.234	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.66	83	517185	407.977	ug/l #	76
76) 1,2,3-Trichloropropane	12.69	75	214388	237.175	ug/l #	100
77) Bromobenzene	12.61	156	3999	3.050	ug/l #	1
78) n-propylbenzene	12.69	91	23651148	3319.622	ug/l #	86
79) 2-Chlorotoluene	12.77	91	7612529	1870.321	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.84	105	15260247	3088.540	ug/l #	77
81) trans-1,4-Dichloro-2-buten	12.35	75	147291	308.358	ug/l #	4
82) 4-Chlorotoluene	12.84	91	2095005	481.871	ug/l #	42
83) tert-Butylbenzene	13.14	119	5061348	1215.258	ug/l #	67
84) 1,2,4-Trimethylbenzene	12.99	105	16901388	3407.164	ug/l #	85
85) sec-Butylbenzene	13.27	105	2152820	363.816	ug/l #	49
86) p-Isopropyltoluene	13.38	119	835573	160.238	ug/l #	94
89) n-Butylbenzene	13.71	91	3008244	573.211	ug/l #	81
90) Hexachloroethane	13.98	117	610577	617.721	ug/l #	15
92) 1,2-Dibromo-3-Chloropropan	14.39	75	7711	35.250	ug/l #	7
95) Naphthalene	15.24	128	2602759	728.313	ug/l #	100

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

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