

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY020320\
 Data File : VY001471.D
 Acq On : 03 Feb 2020 14:00
 Operator : SY/MD
 Sample : L1346-05
 Misc : 7.80G/5ML/MSVOA Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PD-3-(35-37)

Quant Time: Feb 03 14:16:03 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	95048	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	249173	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	252802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	176125	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	128679	124.42	ug/l	0.00
Spiked Amount			Recovery	=	248.84%	
35) Dibromofluoromethane	7.74	113	107957	73.82	ug/l	0.00
Spiked Amount			Recovery	=	147.64%	
50) Toluene-d8	10.20	98	996551	175.39	ug/l	0.01
Spiked Amount			Recovery	=	350.78%	
62) 4-Bromofluorobenzene	12.48	95	614453	271.56	ug/l	0.00
Spiked Amount			Recovery	=	543.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.11	50	1714	1.513	ug/l #	87
11) Tert butyl alcohol	4.99	59	439	Below Cal	#	74
13) Acrolein	3.96	56	234269	3206.647	ug/l #	72
14) Allyl chloride	4.80	41	7547601	4193.878	ug/l #	63
15) Acrylonitrile	5.27	53	667088	2042.649	ug/l #	39
16) Acetone	3.96	43	608378	2294.968	ug/l #	53
17) Carbon Disulfide	4.22	76	35963	11.331	ug/l	96
18) Methyl Acetate	4.80	43	18514317	21227.398	ug/l #	51
19) Methyl tert-butyl Ether	5.27	73	3638	1.231	ug/l #	1
20) Methylene Chloride	4.75	84	11855	5.511	ug/l #	1
23) Vinyl Acetate	6.13	43	47541	19.162	ug/l #	77
24) 1,1-Dichloroethane	6.14	63	16003	7.945	ug/l #	81
25) 2-Butanone	7.01	43	363452	807.375	ug/l #	51
26) 2,2-Dichloropropane	6.83	77	54633	30.449	ug/l #	52
28) Bromochloromethane	7.39	49	2163	2.604	ug/l #	15
29) Tetrahydrofuran	7.38	42	54174	184.975	ug/l #	34
30) Chloroform	7.50	83	2964942	1501.691	ug/l #	18
31) Cyclohexane	7.81	56	6306199	3153.168	ug/l #	53
32) 1,1,1-Trichloroethane	7.72	97	3113	1.867	ug/l #	1
36) 1,1-Dichloropropene	7.91	75	3905	1.659	ug/l #	1
37) Ethyl Acetate	7.01	43	363452	252.701	ug/l #	68
38) Carbon Tetrachloride	7.83	117	11531	5.496	ug/l #	17
39) Methylcyclohexane	9.21	83	12640017	4191.455	ug/l	95
41) Methacrylonitrile	7.39	41	634356	854.699	ug/l #	100
42) 1,2-Dichloroethane	8.30	62	36958	18.739	ug/l #	1
43) Isopropyl Acetate	8.30	43	4769941	1705.573	ug/l #	53
45) 1,2-Dichloropropane	9.22	63	204852	114.806	ug/l #	1
46) Dibromomethane	9.35	93	4523	4.722	ug/l #	1
47) Bromodichloromethane	9.51	83	2782769	1215.206	ug/l #	26
48) Methyl methacrylate	9.27	41	2647081	2082.045	ug/l #	40
49) 1,4-Dioxane	9.27	88	83	6.144	ug/l #	1
51) 4-Methyl-2-Pentanone	10.14	43	832710	578.170	ug/l #	72
52) Toluene	10.26	92	21186	4.735	ug/l #	1
54) cis-1,3-Dichloropropene	9.89	75	5814	1.996	ug/l #	1

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

55) 1,1,2-Trichloroethane	10.64	97	4565855	3229.288	ug/l #	20
56) Ethyl methacrylate	10.50	69	688201	322.043	ug/l #	64
57) 1,3-Dichloropropane	10.80	76	2882	1.170	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.78	63	54476	73.669	ug/l #	47
59) 2-Hexanone	10.82	43	5013658	5000.350	ug/l #	29
60) Dibromochloromethane	11.22	129	7341	4.642	ug/l	74
61) 1,2-Dibromoethane	11.08	107	34172	25.566	ug/l #	1
65) Chlorobenzene	11.64	112	89625	16.819	ug/l #	42
67) Ethyl Benzene	11.61	91	757351	77.122	ug/l	96
68) m/p-Xylenes	11.72	106	61136	16.669	ug/l	95
73) Isopropylbenzene	12.34	105	4141472	297.997	ug/l	100
74) N-amyl acetate	12.14	43	2131875	468.627	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.58	83	142431	47.854	ug/l #	1
76) 1,2,3-Trichloropropane	12.69	75	122238	57.596	ug/l #	100
77) Bromobenzene	12.59	156	4409	1.432	ug/l #	1
78) n-propylbenzene	12.68	91	15326389	916.215	ug/l	92
79) 2-Chlorotoluene	12.68	91	15326389	1603.793	ug/l #	42
80) 1,3,5-Trimethylbenzene	12.78	105	2055766	177.209	ug/l	72
81) trans-1,4-Dichloro-2-buten	12.34	75	49250	43.914	ug/l #	1
82) 4-Chlorotoluene	12.68	91	15326389	1501.438	ug/l #	42
83) tert-Butylbenzene	13.08	119	37459	3.831	ug/l #	26
84) 1,2,4-Trimethylbenzene	13.13	105	740580	63.586	ug/l	99
85) sec-Butylbenzene	13.27	105	3057490	220.070	ug/l #	52
86) p-Isopropyltoluene	13.38	119	706984	57.745	ug/l	92
89) n-Butylbenzene	13.70	91	6362562	516.363	ug/l #	78
90) Hexachloroethane	13.98	117	1596686	688.006	ug/l #	15
92) 1,2-Dibromo-3-Chloropropan	14.34	75	12985	25.282	ug/l #	1
95) Naphthalene	15.24	128	1433560	170.852	ug/l	98

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

