

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY060320\
 Data File : VY002827.D
 Acq On : 03 Jun 2020 12:53
 Operator : SY/MD
 Sample : L2837-01
 Misc : 4.38G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP

Quant Time: Jun 04 09:02:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y052720S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 13:13:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	5917	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	11407	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	12690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	5995	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	5376	104.64	ug/l	0.00
Spiked Amount			Recovery	=	209.28%	
35) Dibromofluoromethane	7.72	113	3582	53.58	ug/l	0.00
Spiked Amount			Recovery	=	107.16%	
50) Toluene-d8	10.18	98	13797	51.04	ug/l	0.00
Spiked Amount			Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.48	95	5878	63.63	ug/l	0.00
Spiked Amount			Recovery	=	127.26%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	394	8.749	ug/l #	70
5) Bromomethane	2.67	94	652	18.279	ug/l #	80
10) Methyl Iodide	4.10	142	1503	21.460	ug/l #	86
16) Acetone	3.94	43	50	4.150	ug/l #	40
18) Methyl Acetate	4.47	43	69	1.341	ug/l #	48
20) Methylene Chloride	4.71	84	544	9.240	ug/l #	63
21) trans-1,2-Dichloroethene	5.21	96	90	1.590	ug/l #	1
27) cis-1,2-Dichloroethene	7.01	96	64	1.010	ug/l #	1
36) 1,1-Dichloropropene	7.80	75	344	3.580	ug/l #	40
41) Methacrylonitrile	7.31	41	39	1.389	ug/l #	1
44) Trichloroethene	8.95	130	97	1.082	ug/l	47
46) Dibromomethane	9.30	93	194	4.798	ug/l #	15
48) Methyl methacrylate	9.31	41	161	3.600	ug/l #	49
51) 4-Methyl-2-Pentanone	10.06	43	215	4.098	ug/l #	33
55) 1,1,2-Trichloroethane	10.63	97	578	9.337	ug/l #	27
56) Ethyl methacrylate	10.50	69	197	2.376	ug/l #	25
57) 1,3-Dichloropropane	10.80	76	232	2.278	ug/l #	63
59) 2-Hexanone	10.84	43	54	1.451	ug/l	76
60) Dibromochloromethane	11.07	129	327	4.166	ug/l	95
61) 1,2-Dibromoethane	10.97	107	176	2.882	ug/l	98
64) Tetrachloroethene	10.71	164	150	1.301	ug/l #	61
65) Chlorobenzene	11.51	112	672	2.679	ug/l	89
66) 1,1,1,2-Tetrachloroethane	11.63	131	1726	18.272	ug/l #	9
67) Ethyl Benzene	11.60	91	1941	4.464	ug/l #	83
68) m/p-Xylenes	11.69	106	2025	12.011	ug/l #	42
69) o-Xylene	12.03	106	1289	8.099	ug/l	78
71) Bromoform	12.21	173	67	1.060	ug/l #	1
73) Isopropylbenzene	12.33	105	530	1.380	ug/l #	47
74) N-amyl acetate	12.08	43	15218	154.380	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.58	83	424	6.290	ug/l #	25
76) 1,2,3-Trichloropropane	12.69	75	4393	81.323	ug/l #	100
77) Bromobenzene	12.69	156	172039	1719.771	ug/l #	1
78) n-propylbenzene	12.67	91	4631	10.435	ug/l	96
79) 2-Chlorotoluene	12.67	91	4631	18.603	ug/l	89

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80) 1,3,5-Trimethylbenzene	12.81	105	3170	9.882	ug/l	76
81) trans-1,4-Dichloro-2-buten	12.49	75	10731	374.261	ug/l #	38
82) 4-Chlorotoluene	12.85	91	443	1.699	ug/l	86
83) tert-Butylbenzene	13.20	119	349	1.220	ug/l	68
84) 1,2,4-Trimethylbenzene	13.12	105	14643	45.399	ug/l	98
85) sec-Butylbenzene	13.25	105	1136	2.904	ug/l	84
87) 1,3-Dichlorobenzene	13.35	146	914	4.824	ug/l #	63
88) 1,4-Dichlorobenzene	13.44	146	1322	6.974	ug/l #	62
89) n-Butylbenzene	13.46	91	543	1.643	ug/l	76
90) Hexachloroethane	13.98	117	873	12.809	ug/l #	8
91) 1,2-Dichlorobenzene	13.74	146	278	1.618	ug/l #	44
92) 1,2-Dibromo-3-Chloropropan	14.34	75	158	12.183	ug/l	72
93) 1,2,4-Trichlorobenzene	15.00	180	376	2.903	ug/l #	26
95) Naphthalene	15.23	128	12059	46.432	ug/l #	89
96) 1,2,3-Trichlorobenzene	15.42	180	424	3.666	ug/l #	1

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

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