

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120319\
 Data File : VY000838.D
 Acq On : 03 Dec 2019 13:05
 Operator : SY/MD
 Sample : K5675-09RE
 Misc : 7.17G/5ML/MSVOA Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TR-05-112619RE

Quant Time: Dec 03 13:25:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	2630	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	5914	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	6027	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	2111	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	2393	85.63	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	171.26%	
35) Dibromofluoromethane	7.72	113	540	15.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	31.34%	
50) Toluene-d8	10.18	98	7192	52.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	104.38%	
62) 4-Bromofluorobenzene	12.48	95	2668	51.56	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	103.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.12	50	62	1.777	ug/l #	10
4) Vinyl Chloride	2.29	62	36	1.047	ug/l #	43
5) Bromomethane	2.68	94	85	3.393	ug/l #	3
8) Diethyl Ether	3.46	74	58	3.269	ug/l #	63
10) Methyl Iodide	4.09	142	52	1.419	ug/l #	41
12) 1,1-Dichloroethene	3.85	96	58	2.011	ug/l #	1
13) Acrolein	3.59	56	57	20.581	ug/l #	15
14) Allyl chloride	4.55	41	85	1.719	ug/l #	27
16) Acetone	3.96	43	624	97.336	ug/l #	100
20) Methylene Chloride	4.70	84	105	3.107	ug/l #	5
25) 2-Butanone	7.22	43	93	7.853	ug/l #	49
29) Tetrahydrofuran	7.43	42	52	6.626	ug/l #	33
31) Cyclohexane	7.81	56	68	1.146	ug/l #	79
36) 1,1-Dichloropropene	7.80	75	187	3.180	ug/l #	41
37) Ethyl Acetate	7.22	43	93	2.739	ug/l #	67
38) Carbon Tetrachloride	7.80	117	108	2.062	ug/l #	11
41) Methacrylonitrile	7.26	41	22	1.229	ug/l #	1
48) Methyl methacrylate	9.41	41	29	1.031	ug/l #	13
49) 1,4-Dioxane	9.41	88	19	59.652	ug/l #	27
51) 4-Methyl-2-Pentanone	10.09	43	275	8.318	ug/l #	34
59) 2-Hexanone	10.83	43	114	4.732	ug/l #	78
67) Ethyl Benzene	11.60	91	333	1.427	ug/l #	44
68) m/p-Xylenes	11.70	106	425	4.853	ug/l #	87
74) N-amyl acetate	12.14	43	49	1.047	ug/l #	41
76) 1,2,3-Trichloropropane	12.48	75	1545	64.597	ug/l #	100
77) Bromobenzene	12.61	156	80	2.196	ug/l #	6
80) 1,3,5-Trimethylbenzene	12.81	105	368	2.644	ug/l #	87
81) trans-1,4-Dichloro-2-buten	12.48	75	1545	126.888	ug/l #	17
84) 1,2,4-Trimethylbenzene	13.12	105	1241	8.913	ug/l #	93
85) sec-Butylbenzene	13.25	105	357	2.098	ug/l #	85
89) n-Butylbenzene	13.70	91	303	2.025	ug/l #	51
90) Hexachloroethane	14.08	117	37	1.357	ug/l #	16
91) 1,2-Dichlorobenzene	13.72	146	146	2.271	ug/l #	55
92) 1,2-Dibromo-3-Chloropropan	14.38	75	38	6.854	ug/l #	1

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95) Naphthalene	15.23	128	2520	24.947	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.42	180	217	5.584	ug/l #	21

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

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