

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY110119\
 Data File : VY000521.D
 Acq On : 01 Nov 2019 12:50
 Operator : SY/MD
 Sample : K5615-05RE
 Misc : 6.16G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 3465RE

Quant Time: Nov 01 23:42:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	3974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	8001	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	6553	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	2378	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	2824	68.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	137.34%	
35) Dibromofluoromethane	7.72	113	981	20.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	41.78%	
50) Toluene-d8	10.18	98	8506	47.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.44%	
62) 4-Bromofluorobenzene	12.47	95	2622	38.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	77.28%	

Target Compounds						Qvalue
3) Chloromethane	2.12	50	654	12.136	ug/l #	83
4) Vinyl Chloride	2.24	62	67	1.339	ug/l #	43
5) Bromomethane	2.68	94	83	2.766	ug/l	81
10) Methyl Iodide	4.10	142	100	4.940	ug/l #	75
11) Tert butyl alcohol	4.96	59	60	14.988	ug/l #	72
13) Acrolein	3.87	56	51	14.625	ug/l #	14
16) Acetone	3.97	43	550	48.523	ug/l #	42
20) Methylene Chloride	4.72	84	192	3.953	ug/l #	50
21) trans-1,2-Dichloroethene	5.23	96	50	1.114	ug/l #	1
25) 2-Butanone	6.99	43	54	2.985	ug/l #	49
28) Bromochloromethane	7.58	49	20	4.622	ug/l #	14
29) Tetrahydrofuran	7.36	42	19	1.717	ug/l #	35
36) 1,1-Dichloropropene	7.79	75	257	3.398	ug/l #	41
37) Ethyl Acetate	7.02	43	87	1.937	ug/l #	70
38) Carbon Tetrachloride	7.80	117	436	5.991	ug/l #	11
51) 4-Methyl-2-Pentanone	10.07	43	395	8.807	ug/l #	69
59) 2-Hexanone	10.83	43	589	18.025	ug/l	72
64) Tetrachloroethene	10.71	164	74	1.366	ug/l #	1
67) Ethyl Benzene	11.59	91	325	1.329	ug/l #	43
68) m/p-Xylenes	11.69	106	177	1.870	ug/l #	1
69) o-Xylene	12.03	106	166	1.866	ug/l	37
70) Styrene	12.04	104	167	1.096	ug/l #	56
73) Isopropylbenzene	12.33	105	489	2.782	ug/l #	48
76) 1,2,3-Trichloropropane	12.47	75	1493	55.140	ug/l #	100
78) n-propylbenzene	12.67	91	347	1.636	ug/l #	53
79) 2-Chlorotoluene	12.76	91	288	2.446	ug/l #	39
80) 1,3,5-Trimethylbenzene	12.81	105	297	2.029	ug/l #	63
81) trans-1,4-Dichloro-2-buten	12.47	75	1493	123.630	ug/l #	14
82) 4-Chlorotoluene	12.85	91	374	3.065	ug/l #	60
83) tert-Butylbenzene	13.08	119	195	1.560	ug/l #	37
84) 1,2,4-Trimethylbenzene	13.13	105	474	3.252	ug/l #	36
85) sec-Butylbenzene	13.24	105	334	1.876	ug/l #	56
86) p-Isopropyltoluene	13.36	119	644	4.058	ug/l	83
87) 1,3-Dichlorobenzene	13.36	146	252	3.228	ug/l #	58

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88) 1,4-Dichlorobenzene	13.44	146	212	2.718	ug/l #	35
89) n-Butylbenzene	13.69	91	571	3.648	ug/l	82
91) 1,2-Dichlorobenzene	13.72	146	203	2.866	ug/l #	64
92) 1,2-Dibromo-3-Chloropropan	14.58	75	19	3.085	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.00	180	528	10.948	ug/l #	37
95) Naphthalene	15.23	128	1134	10.592	ug/l #	83
96) 1,2,3-Trichlorobenzene	15.42	180	408	9.430	ug/l #	75

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

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