

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083119\
 Data File : VX011952.D
 Acq On : 31 Aug 2019 15:51
 Operator : SY/SP
 Sample : K4516-16
 Misc : 5.17g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T2-S-B4-(2.5)

Quant Time: Sep 01 01:51:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082919S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 01:59:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	23335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	26952	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	20092	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	6807	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	8188	36.62	ug/l	0.01
Spiked Amount				50.000		
			Recovery	=	73.24%	
35) Dibromofluoromethane	5.49	113	6581	38.08	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	76.16%	
50) Toluene-d8	8.71	98	29179	47.23	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.46%	
62) 4-Bromofluorobenzene	11.13	95	8369	30.88	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	61.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	375	2.663	ug/l #	42
3) Chloromethane	1.32	50	382	2.340	ug/l #	53
4) Vinyl Chloride	1.42	62	164	1.052	ug/l #	44
5) Bromomethane	1.65	94	1018	9.437	ug/l #	64
8) Diethyl Ether	2.19	74	153	1.644	ug/l #	30
10) Methyl Iodide	2.52	142	1048	8.716	ug/l	91
11) Tert butyl alcohol	3.06	59	59	2.743	ug/l #	72
12) 1,1-Dichloroethene	2.36	96	165	1.007	ug/l #	1
13) Acrolein	2.26	56	167	15.599	ug/l #	66
15) Acrylonitrile	3.13	53	134	2.622	ug/l #	3
16) Acetone	2.43	43	838	17.421	ug/l #	88
18) Methyl Acetate	2.78	43	146	1.096	ug/l #	53
20) Methylene Chloride	2.85	84	1278	1.459	ug/l #	83
25) 2-Butanone	4.65	43	93	1.327	ug/l #	49
31) Cyclohexane	5.56	56	404	1.447	ug/l #	42
37) Ethyl Acetate	4.83	43	135	1.068	ug/l #	1
38) Carbon Tetrachloride	5.66	117	2114	8.537	ug/l #	12
49) 1,4-Dioxane	7.74	88	50	29.162	ug/l #	1
51) 4-Methyl-2-Pentanone	8.52	43	131	1.006	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.29	63	118	1.232	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	11.03	83	146	1.824	ug/l	65
76) 1,2,3-Trichloropropane	11.13	75	4299	64.202	ug/l #	36
78) n-propylbenzene	11.51	91	616	1.389	ug/l	92
81) trans-1,4-Dichloro-2-buten	11.13	75	4299	161.286	ug/l #	11
88) 1,4-Dichlorobenzene	12.10	146	323	1.516	ug/l #	77
91) 1,2-Dichlorobenzene	12.39	146	276	1.408	ug/l #	47
92) 1,2-Dibromo-3-Chloropropan	12.99	75	24	1.505	ug/l #	1
95) Naphthalene	13.83	128	399	1.409	ug/l #	85
96) 1,2,3-Trichlorobenzene	14.03	180	236	1.581	ug/l	89

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

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