

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX083119\
 Data File : VX011951.D
 Acq On : 31 Aug 2019 15:23
 Operator : SY/SP
 Sample : K4516-15
 Misc : 5.82g/5.0mL/MSVOA X/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 T2-S-B4-(0)

Quant Time: Sep 01 01:50:41 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	6572	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	7681	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	5412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	1279	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	2767	43.94	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	87.88%	
35) Dibromofluoromethane	5.49	113	2069	42.01	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	84.02%	
50) Toluene-d8	8.71	98	8569	48.67	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.34%	
62) 4-Bromofluorobenzene	11.14	95	1904	24.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	49.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	153	3.857	ug/l #	42
3) Chloromethane	1.30	50	289	6.285	ug/l #	42
4) Vinyl Chloride	1.41	62	62	1.412	ug/l	99
5) Bromomethane	1.66	94	299	9.842	ug/l #	74
6) Chloroethane	1.74	64	201	7.355	ug/l #	43
8) Diethyl Ether	2.29	74	43	1.641	ug/l	64
10) Methyl Iodide	2.51	142	368	9.960	ug/l #	73
11) Tert butyl alcohol	3.03	59	53	8.749	ug/l #	1
12) 1,1-Dichloroethene	2.35	96	132	2.860	ug/l #	1
13) Acrolein	2.28	56	158	52.403	ug/l #	76
14) Allyl chloride	2.72	41	118	1.363	ug/l #	2
15) Acrylonitrile	3.15	53	80	5.558	ug/l #	1
16) Acetone	2.44	43	646	47.683	ug/l	92
17) Carbon Disulfide	2.57	76	164	1.239	ug/l #	75
18) Methyl Acetate	2.76	43	131	3.493	ug/l #	53
20) Methylene Chloride	2.86	84	632	6.678	ug/l #	48
21) trans-1,2-Dichloroethene	3.15	96	85	1.563	ug/l #	1
22) Diisopropyl ether	3.84	45	251	1.420	ug/l #	67
25) 2-Butanone	4.64	43	746	37.807	ug/l #	49
27) cis-1,2-Dichloroethene	4.59	96	99	1.546	ug/l	81
28) Bromochloromethane	5.00	49	180	4.115	ug/l #	8
29) Tetrahydrofuran	5.12	42	353	28.662	ug/l #	68
30) Chloroform	5.20	83	229	2.197	ug/l	97
31) Cyclohexane	5.58	56	143	1.819	ug/l #	51
36) 1,1-Dichloropropene	5.83	75	184	3.024	ug/l #	33
37) Ethyl Acetate	4.83	43	112	3.109	ug/l #	1
38) Carbon Tetrachloride	5.64	117	334	4.733	ug/l #	34
39) Methylcyclohexane	7.48	83	125	1.725	ug/l #	38
41) Methacrylonitrile	5.03	41	41	1.933	ug/l #	24
42) 1,2-Dichloroethane	6.18	62	77	1.247	ug/l #	74
43) Isopropyl Acetate	6.43	43	84	1.150	ug/l #	12
45) 1,2-Dichloropropane	7.53	63	51	1.073	ug/l #	43
48) Methyl methacrylate	7.77	41	130	3.659	ug/l #	14
49) 1,4-Dioxane	7.73	88	19	38.884	ug/l #	1

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

51) 4-Methyl-2-Pentanone	8.40	43	150	4.043	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	64	1.550	ug/l #	37
56) Ethyl methacrylate	9.15	69	132	2.304	ug/l #	1
58) 2-Chloroethyl Vinyl ether	8.32	63	69	2.529	ug/l #	44
59) 2-Hexanone	9.40	43	327	12.408	ug/l	94
67) Ethyl Benzene	10.25	91	384	2.153	ug/l #	42
68) m/p-Xylenes	10.37	106	69	1.002	ug/l #	1
74) N-amyl acetate	10.87	43	205	9.400	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	158	10.505	ug/l #	39
76) 1,2,3-Trichloropropane	11.31	75	48	3.815	ug/l #	1
77) Bromobenzene	11.25	156	25	1.173	ug/l #	1
78) n-propylbenzene	11.37	91	215	2.580	ug/l	89
79) 2-Chlorotoluene	11.42	91	90	1.794	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.51	105	140	2.207	ug/l	73
81) trans-1,4-Dichloro-2-buten	11.02	75	106	21.165	ug/l #	53
82) 4-Chlorotoluene	11.51	91	226	3.735	ug/l #	43
83) tert-Butylbenzene	11.78	119	125	1.942	ug/l #	25
84) 1,2,4-Trimethylbenzene	11.81	105	133	2.046	ug/l #	30
85) sec-Butylbenzene	11.95	105	129	1.726	ug/l	85
86) p-Isopropyltoluene	12.06	119	122	1.683	ug/l #	1
87) 1,3-Dichlorobenzene	12.03	146	55	1.388	ug/l #	4
88) 1,4-Dichlorobenzene	12.09	146	102	2.547	ug/l #	40
89) n-Butylbenzene	12.38	91	235	3.664	ug/l #	55
90) Hexachloroethane	12.59	117	45	3.209	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.95	75	26	8.678	ug/l #	1
93) 1,2,4-Trichlorobenzene	13.65	180	53	1.709	ug/l #	12
95) Naphthalene	13.82	128	181	3.401	ug/l #	69

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

