

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080919\
 Data File : VX011403.D
 Acq On : 09 Aug 2019 12:35
 Operator : JC/SP
 Sample : K4251-03MS 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-MW-K-0819MS

Manual Integrations
 APPROVED

MMDadoda
 8/12/2019 12:49:58 PM

Quant Time: Aug 11 00:21:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	166231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	246976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	232179	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128572	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	94193	56.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.54%	
35) Dibromofluoromethane	5.49	113	82092	50.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.82%	
50) Toluene-d8	8.71	98	304354	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.13	95	118056	54.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.66%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	55722	43.402	ug/l 99
3) Chloromethane	1.32	50	60795	42.168	ug/l 100
4) Vinyl Chloride	1.40	62	68231	43.024	ug/l 100
5) Bromomethane	1.63	94	47784	42.247	ug/l 98
6) Chloroethane	1.71	64	45863	46.530	ug/l 97
7) Trichlorofluoromethane	1.92	101	125323	44.444	ug/l 99
8) Diethyl Ether	2.18	74	44110	43.808	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	70927	46.487	ug/l 96
10) Methyl Iodide	2.50	142	90971	47.292	ug/l 98
11) Tert butyl alcohol	3.04	59	82587	247.403	ug/l 100
12) 1,1-Dichloroethene	2.36	96	67545	44.660	ug/l 90
13) Acrolein	2.29	56	52249	251.863	ug/l 100
14) Allyl chloride	2.72	41	71300	35.362	ug/l 95
15) Acrylonitrile	3.14	53	203813	255.855	ug/l 98
16) Acetone	2.43	43	171804	215.615	ug/l 100
17) Carbon Disulfide	2.56	76	153316	43.198	ug/l 99
18) Methyl Acetate	2.76	43	94153	51.706	ug/l 98
19) Methyl tert-butyl Ether	3.19	73	227509	51.045	ug/l 98
20) Methylene Chloride	2.85	84	77701	44.527	ug/l 98
21) trans-1,2-Dichloroethene	3.16	96	73336	45.838	ug/l 96
22) Diisopropyl ether	3.85	45	224116	50.574	ug/l 98
23) Vinyl Acetate	3.81	43	982915	267.426	ug/l 98
24) 1,1-Dichloroethane	3.69	63	127772	48.898	ug/l 99
25) 2-Butanone	4.67	43	286004	252.328	ug/l 97
26) 2,2-Dichloropropane	4.57	77	103456	50.932	ug/l 97
27) cis-1,2-Dichloroethene	4.59	96	86460	46.918	ug/l 96
28) Bromochloromethane	5.01	49	59552	49.991	ug/l 96
29) Tetrahydrofuran	5.12	42	177641	255.606	ug/l 99
30) Chloroform	5.20	83	142226	50.079	ug/l 99
31) Cyclohexane	5.57	56	100233	46.494	ug/l 100
32) 1,1,1-Trichloroethane	5.49	97	123615	50.810	ug/l 99
36) 1,1-Dichloropropene	5.79	75	97451	45.193	ug/l 99
37) Ethyl Acetate	4.83	43	107985	49.925	ug/l 98
38) Carbon Tetrachloride	5.77	117	109630	50.534	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	110444	43.210	ug/l	98
40) Benzene	6.13	78	303849	47.221	ug/l	98
41) Methacrylonitrile	5.04	41	60334	51.076	ug/l	97
42) 1,2-Dichloroethane	6.18	62	110690	50.871	ug/l	97
43) Isopropyl Acetate	6.44	43	172663	49.930	ug/l	100
44) Trichloroethene	7.21	130	88784	45.584	ug/l	96
45) 1,2-Dichloropropane	7.51	63	77767	46.666	ug/l	97
46) Dibromomethane	7.66	93	57357	47.147	ug/l	97
47) Bromodichloromethane	7.89	83	105091	51.022	ug/l	99
48) Methyl methacrylate	7.76	41	85227	52.369	ug/l	97
49) 1,4-Dioxane	7.73	88	40674	862.098	ug/l	94
51) 4-Methyl-2-Pentanone	8.64	43	587289	263.156	ug/l	99
52) Toluene	8.78	92	202088	47.501	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	111930	46.852	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	123939	51.513	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	85693	48.989	ug/l	99
56) Ethyl methacrylate	9.18	69	130361	52.296	ug/l	99
57) 1,3-Dichloropropane	9.37	76	134503	48.621	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	311207	253.910	ug/l	99
59) 2-Hexanone	9.49	43	447835	259.073	ug/l	100
60) Dibromochloromethane	9.58	129	93174	52.027	ug/l	98
61) 1,2-Dibromoethane	9.67	107	92483	48.937	ug/l	98
64) Tetrachloroethene	9.34	164	89106	45.191	ug/l	97
65) Chlorobenzene	10.13	112	231607	46.524	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	85811	50.349	ug/l	99
67) Ethyl Benzene	10.25	91	407898	48.925	ug/l	99
68) m/p-Xylenes	10.36	106	330045	102.345	ug/l	96
69) o-Xylene	10.69	106	152505	48.131	ug/l	99
70) Styrene	10.71	104	262642	50.096	ug/l	99
71) Bromoform	10.85	173	69542	45.882	ug/l #	99
73) Isopropylbenzene	11.02	105	476551	54.194	ug/l	100
74) N-amyl acetate	10.90	43	162229	51.058	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	135983	46.404	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	112394m	48.002	ug/l	
77) Bromobenzene	11.25	156	112648	46.198	ug/l	97
78) n-propylbenzene	11.36	91	607285	62.102	ug/l	99
79) 2-Chlorotoluene	11.42	91	285714	49.020	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	366243	49.754	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	35828	41.687	ug/l	97
82) 4-Chlorotoluene	11.51	91	322647	47.499	ug/l	98
83) tert-Butylbenzene	11.77	119	357456	49.512	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1064717	145.278	ug/l	99
85) sec-Butylbenzene	11.94	105	446074	51.427	ug/l	97
86) p-Isopropyltoluene	12.06	119	408913	51.244	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	198826	46.149	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	200313	45.089	ug/l	98
89) n-Butylbenzene	12.38	91	359075	52.231	ug/l	98
90) Hexachloroethane	12.59	117	65316	55.364	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	198818	45.928	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	30800	54.250	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	135811	47.306	ug/l	99
94) Hexachlorobutadiene	13.78	225	68245	46.854	ug/l	99
95) Naphthalene	13.83	128	434325	51.733	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	138039	47.296	ug/l	99

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

