

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052219\
 Data File : VX009814.D
 Acq On : 22 May 2019 19:04
 Operator : JC/SP
 Sample : K2977-13MS 10X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-PZ-E3-4MS

Manual Integrations
 APPROVED

MMDadoda
 5/23/2019 10:45:03 AM

Quant Time: May 23 08:18:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	174861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	282291	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258679	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	126965	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	108669	45.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.04%	
35) Dibromofluoromethane	5.50	113	78759	44.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.76%	
50) Toluene-d8	8.71	98	322908	45.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.14%	
62) 4-Bromofluorobenzene	11.13	95	117760	45.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	67230	41.722	ug/l	98
3) Chloromethane	1.32	50	102648	46.659	ug/l	99
4) Vinyl Chloride	1.41	62	97943	45.656	ug/l	97
5) Bromomethane	1.64	94	55684	43.247	ug/l	97
6) Chloroethane	1.71	64	61735	44.823	ug/l	99
7) Trichlorofluoromethane	1.92	101	117922	45.222	ug/l	99
8) Diethyl Ether	2.19	74	54997	44.525	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	71435	43.624	ug/l	99
10) Methyl Iodide	2.51	142	88605	46.885	ug/l	99
11) Tert butyl alcohol	3.06	59	122842	222.320	ug/l	98
12) 1,1-Dichloroethene	2.37	96	73924	45.056	ug/l	99
13) Acrolein	2.29	56	98816	197.473	ug/l	98
14) Allyl chloride	2.73	41	181833	45.476	ug/l	99
15) Acrylonitrile	3.14	53	308656	228.462	ug/l	99
16) Acetone	2.45	43	259532	202.481	ug/l	97
17) Carbon Disulfide	2.57	76	215722	46.831	ug/l	99
18) Methyl Acetate	2.78	43	132344	43.416	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	285723	44.846	ug/l	99
20) Methylene Chloride	2.85	84	90915	43.807	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	79552	44.709	ug/l	97
22) Diisopropyl ether	3.85	45	354734	46.133	ug/l	93
23) Vinyl Acetate	3.82	43	1616101	245.440	ug/l	99
24) 1,1-Dichloroethane	3.70	63	170019	44.821	ug/l	100
25) 2-Butanone	4.67	43	454754	228.312	ug/l	98
26) 2,2-Dichloropropane	4.59	77	118962	42.133	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	93422	43.987	ug/l	99
28) Bromochloromethane	5.01	49	89837	59.346	ug/l	98
29) Tetrahydrofuran	5.13	42	300553	234.491	ug/l	98
30) Chloroform	5.21	83	155676	45.376	ug/l	98
31) Cyclohexane	5.58	56	166922	47.298	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	127666	44.702	ug/l	99
36) 1,1-Dichloropropene	5.80	75	119301	45.476	ug/l	99
37) Ethyl Acetate	4.84	43	172225	47.119	ug/l	99
38) Carbon Tetrachloride	5.79	117	105577	44.295	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	148519	46.099	ug/l	98
40) Benzene	6.14	78	365325	44.997	ug/l	100
41) Methacrylonitrile	5.04	41	98831	45.423	ug/l	98
42) 1,2-Dichloroethane	6.20	62	134830	46.296	ug/l	99
43) Isopropyl Acetate	6.45	43	275953	47.199	ug/l	99
44) Trichloroethene	7.21	130	84984	43.298	ug/l	95
45) 1,2-Dichloropropane	7.51	63	104227	45.337	ug/l	98
46) Dibromomethane	7.66	93	59354	44.460	ug/l	98
47) Bromodichloromethane	7.90	83	120336	45.188	ug/l	99
48) Methyl methacrylate	7.77	41	141024	48.618	ug/l	97
49) 1,4-Dioxane	7.74	88	43538	740.136	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	918710	240.409	ug/l	99
52) Toluene	8.79	92	226049	45.803	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	138975	46.224	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	152960	45.964	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	89825	44.613	ug/l	96
56) Ethyl methacrylate	9.18	69	167285	46.544	ug/l	96
57) 1,3-Dichloropropane	9.37	76	159451	45.003	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	15553	8.157	ug/l	97
59) 2-Hexanone	9.49	43	706688	235.460	ug/l	98
60) Dibromochloromethane	9.58	129	90828	46.188	ug/l	100
61) 1,2-Dibromoethane	9.67	107	92686	45.604	ug/l	99
64) Tetrachloroethene	9.34	164	74539	42.007	ug/l	99
65) Chlorobenzene	10.14	112	231343	44.706	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	83008	44.246	ug/l	100
67) Ethyl Benzene	10.25	91	496840	52.170	ug/l	100
68) m/p-Xylenes	10.36	106	385221	110.690	ug/l	98
69) o-Xylene	10.70	106	172924	50.360	ug/l	99
70) Styrene	10.71	104	274870	46.057	ug/l	98
71) Bromoform	10.85	173	70018	45.926	ug/l #	100
73) Isopropylbenzene	11.02	105	507689	54.988	ug/l	99
74) N-amyl acetate	10.90	43	257115	47.766	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	153526	44.606	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	132469m	44.979	ug/l	
77) Bromobenzene	11.26	156	102180	44.589	ug/l	99
78) n-propylbenzene	11.36	91	691481	65.579	ug/l	100
79) 2-Chlorotoluene	11.42	91	316994	48.729	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	512241	65.891	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	51050	44.351	ug/l	96
82) 4-Chlorotoluene	11.51	91	349553	47.564	ug/l	97
83) tert-Butylbenzene	11.77	119	359659	47.558	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1149996	147.376	ug/l	99
85) sec-Butylbenzene	11.94	105	461625	51.487	ug/l	98
86) p-Isopropyltoluene	12.06	119	394897	48.993	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	182847	44.758	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	181072	43.964	ug/l	99
89) n-Butylbenzene	12.38	91	391743	53.772	ug/l	95
90) Hexachloroethane	12.60	117	68437	49.837	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	181249	43.559	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	34798	45.069	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	128236	45.068	ug/l	99
94) Hexachlorobutadiene	13.78	225	66429	45.717	ug/l	100
95) Naphthalene	13.83	128	452687	48.900	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	127923	44.352	ug/l	100

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

