

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101019\
 Data File : VX013004.D
 Acq On : 10 Oct 2019 18:26
 Operator : JC/SP
 Sample : K5261-02MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0555MS

Manual Integrations
 APPROVED

MMDadoda
 10/14/2019 1:05:23 PM

Quant Time: Oct 11 08:05:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	158310	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	268865	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	244172	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	116050	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	105030	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
35) Dibromofluoromethane	5.49	113	82532	53.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.96%	
50) Toluene-d8	8.71	98	314290	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
62) 4-Bromofluorobenzene	11.14	95	121525	51.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	80667	49.989	ug/l	98
3) Chloromethane	1.32	50	90071	51.288	ug/l	98
4) Vinyl Chloride	1.40	62	105583	58.248	ug/l	99
5) Bromomethane	1.63	94	33423	44.357	ug/l	98
6) Chloroethane	1.71	64	55862	50.449	ug/l	97
7) Trichlorofluoromethane	1.92	101	129272	52.838	ug/l	98
8) Diethyl Ether	2.18	74	52249	52.909	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	79149	49.987	ug/l	99
10) Methyl Iodide	2.50	142	94434	52.375	ug/l	100
11) Tert butyl alcohol	3.03	59	114526	218.341	ug/l	100
12) 1,1-Dichloroethene	2.36	96	82567	51.611	ug/l	98
13) Acrolein	2.28	56	91621	245.791	ug/l	99
14) Allyl chloride	2.72	41	143444	50.349	ug/l	99
15) Acrylonitrile	3.13	53	267769	269.380	ug/l	99
16) Acetone	2.44	43	221321	212.205	ug/l	100
17) Carbon Disulfide	2.56	76	212345	46.550	ug/l	99
18) Methyl Acetate	2.76	43	118805	48.059	ug/l	98
19) Methyl tert-butyl Ether	3.19	73	297388	53.829	ug/l	96
20) Methylene Chloride	2.84	84	94210	49.151	ug/l	99
21) trans-1,2-Dichloroethene	3.15	96	135786	79.189	ug/l	99
22) Diisopropyl ether	3.84	45	290808	53.269	ug/l	93
23) Vinyl Acetate	3.80	43	1190280	252.562	ug/l	100
24) 1,1-Dichloroethane	3.69	63	168562	54.884	ug/l	99
25) 2-Butanone	4.66	43	360562	249.186	ug/l	97
26) 2,2-Dichloropropane	4.57	77	115911	44.881	ug/l	91
27) cis-1,2-Dichloroethene	4.58	96	214344	108.446	ug/l	94
28) Bromochloromethane	5.01	49	52719	57.505	ug/l	100
29) Tetrahydrofuran	5.12	42	235910	264.945	ug/l	99
30) Chloroform	5.20	83	163786	51.973	ug/l	99
31) Cyclohexane	5.57	56	143288	49.894	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	143066	53.579	ug/l	99
36) 1,1-Dichloropropene	5.79	75	119402	50.511	ug/l	99
37) Ethyl Acetate	4.82	43	131526	49.759	ug/l	100
38) Carbon Tetrachloride	5.78	117	119227	51.818	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	141910	49.502	ug/l	97
40) Benzene	6.14	78	371824	53.257	ug/l	99
41) Methacrylonitrile	5.03	41	78347	53.941	ug/l	99
42) 1,2-Dichloroethane	6.18	62	134458	53.670	ug/l	98
43) Isopropyl Acetate	6.43	43	216903	51.126	ug/l	100
44) Trichloroethene	7.21	130	130832	67.577	ug/l	93
45) 1,2-Dichloropropane	7.51	63	95640	53.748	ug/l	100
46) Dibromomethane	7.65	93	64273	54.214	ug/l	99
47) Bromodichloromethane	7.89	83	125180	54.106	ug/l	99
48) Methyl methacrylate	7.76	41	108983	52.714	ug/l	99
49) 1,4-Dioxane	7.73	88	47044	853.270	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	707170	267.349	ug/l	100
52) Toluene	8.78	92	231734	51.881	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	132033	45.914	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	147934	51.988	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	96803	54.764	ug/l	99
56) Ethyl methacrylate	9.17	69	155894	49.279	ug/l	99
57) 1,3-Dichloropropane	9.37	76	162042	52.995	ug/l	100
59) 2-Hexanone	9.49	43	526429	255.665	ug/l	99
60) Dibromochloromethane	9.58	129	95527	48.616	ug/l	98
61) 1,2-Dibromoethane	9.67	107	100879	54.252	ug/l	98
64) Tetrachloroethene	9.33	164	88081	52.009	ug/l	98
65) Chlorobenzene	10.14	112	247356	51.013	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	90717	53.959	ug/l	100
67) Ethyl Benzene	10.24	91	446803	51.875	ug/l	99
68) m/p-Xylenes	10.35	106	332182	103.237	ug/l	98
69) o-Xylene	10.70	106	161699	51.533	ug/l	99
70) Stvrene	10.71	104	280797	52.640	ug/l	99
71) Bromoform	10.85	173	65549	46.033	ug/l #	100
73) Isopropylbenzene	11.01	105	436591	51.170	ug/l	99
74) N-amyl acetate	10.89	43	173454	47.203	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	140374	49.465	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	137001m	53.225	ug/l	
77) Bromobenzene	11.25	156	101444	50.455	ug/l	97
78) n-propylbenzene	11.35	91	476169	50.718	ug/l	100
79) 2-Chlorotoluene	11.42	91	294984	49.994	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	363948	51.085	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	42173	42.775	ug/l	95
82) 4-Chlorotoluene	11.51	91	340853	50.399	ug/l	100
83) tert-Butylbenzene	11.76	119	348887	50.201	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	370044	51.285	ug/l	98
85) sec-Butylbenzene	11.94	105	416999	51.791	ug/l	98
86) p-Isopropyltoluene	12.06	119	372858	49.931	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	183586	49.170	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	179186	47.387	ug/l	99
89) n-Butylbenzene	12.38	91	311981	49.710	ug/l	100
90) Hexachloroethane	12.59	117	63855	46.331	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	179926	49.155	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	34332	51.616	ug/l	96
93) 1,2,4-Trichlorobenzene	13.64	180	109500	47.755	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.78	225	49043	46.346	ug/l	99
95) Naphthalene	13.83	128	393263	49.476	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	115649	48.807	ug/l	100

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

