

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042220\
 Data File : VX015839.D
 Acq On : 22 Apr 2020 14:16
 Operator : JC/SP
 Sample : VX0422WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422WBS01

Manual Integrations
 APPROVED

MMDadoda
 4/23/2020 11:58:25 AM

Quant Time: Apr 23 06:09:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042220W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 23 04:36:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	995182	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1432278	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1336154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	707578	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	532427	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
35) Dibromofluoromethane	5.47	113	418190	50.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.16%	
50) Toluene-d8	8.70	98	1652067	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
62) 4-Bromofluorobenzene	11.12	95	655623	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	187930	22.061	ug/l	98
3) Chloromethane	1.31	50	168993	19.370	ug/l	97
4) Vinyl Chloride	1.39	62	190135	18.829	ug/l	98
5) Bromomethane	1.63	94	81896	24.180	ug/l	98
6) Chloroethane	1.72	64	111395	19.358	ug/l	97
7) Trichlorofluoromethane	1.92	101	250956	20.030	ug/l	99
8) Diethyl Ether	2.17	74	96390	18.971	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	165984	19.529	ug/l	97
10) Methyl Iodide	2.49	142	206930	19.707	ug/l	99
11) Tert butyl alcohol	3.01	59	214888	92.920	ug/l	98
12) 1,1-Dichloroethene	2.36	96	164114	18.828	ug/l	97
13) Acrolein	2.27	56	118838	86.846	ug/l	100
14) Allyl chloride	2.71	41	352525	19.032	ug/l	100
15) Acrylonitrile	3.12	53	511202	95.232	ug/l	99
16) Acetone	2.42	43	416929	84.596	ug/l	99
17) Carbon Disulfide	2.55	76	487966	15.415	ug/l	98
18) Methyl Acetate	2.75	43	296861	18.246	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	593181	19.277	ug/l	99
20) Methylene Chloride	2.84	84	189073	18.898	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	182735	18.895	ug/l	98
22) Diisopropyl ether	3.83	45	650049	19.471	ug/l	97
23) Vinyl Acetate	3.78	43	2672925	96.737	ug/l	99
24) 1,1-Dichloroethane	3.67	63	330324	18.983	ug/l	99
25) 2-Butanone	4.63	43	712875	91.513	ug/l	98
26) 2,2-Dichloropropane	4.55	77	302314	19.449	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	206437	18.802	ug/l	99
28) Bromochloromethane	4.98	49	175099	19.177	ug/l #	99
29) Tetrahydrofuran	5.09	42	481820	93.512	ug/l	99
30) Chloroform	5.18	83	329993	18.849	ug/l	98
31) Cyclohexane	5.54	56	327946	19.831	ug/l	92
32) 1,1,1-Trichloroethane	5.47	97	297299	19.046	ug/l	99
36) 1,1-Dichloropropene	5.77	75	258052	20.323	ug/l	99
37) Ethyl Acetate	4.80	43	296620	19.629	ug/l	99
38) Carbon Tetrachloride	5.76	117	254813	20.373	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	326749	20.321	ug/l	99
40) Benzene	6.12	78	758306	19.829	ug/l	100
41) Methacrylonitrile	5.00	41	164780	19.623	ug/l	99
42) 1,2-Dichloroethane	6.16	62	271239	19.696	ug/l	99
43) Isopropyl Acetate	6.41	43	498055	19.539	ug/l	99
44) Trichloroethene	7.19	130	261199	19.435	ug/l	90
45) 1,2-Dichloropropane	7.49	63	196913	19.648	ug/l	98
46) Dibromomethane	7.64	93	140656	19.226	ug/l	97
47) Bromodichloromethane	7.87	83	257565	19.790	ug/l	99
48) Methyl methacrylate	7.75	41	243691	19.435	ug/l	99
49) 1,4-Dioxane	7.72	88	86964	366.983	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1466861	99.695	ug/l	100
52) Toluene	8.76	92	487057	19.870	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	321004	19.878	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	339220	19.875	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	191687	20.026	ug/l	98
56) Ethyl methacrylate	9.16	69	314209	19.380	ug/l	98
57) 1,3-Dichloropropane	9.36	76	329416	19.805	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	793637	97.988	ug/l	99
59) 2-Hexanone	9.47	43	1090619	97.300	ug/l	100
60) Dibromochloromethane	9.57	129	193704	19.596	ug/l	98
61) 1,2-Dibromoethane	9.65	107	201506	19.048	ug/l	99
64) Tetrachloroethene	9.32	164	357758	19.864	ug/l	92
65) Chlorobenzene	10.12	112	526052	19.688	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	198012	19.826	ug/l	99
67) Ethyl Benzene	10.23	91	936289	19.955	ug/l	99
68) m/p-Xylenes	10.34	106	731501	41.535	ug/l	97
69) o-Xylene	10.68	106	346264	19.980	ug/l	99
70) Styrene	10.70	104	601988	20.061	ug/l	100
71) Bromoform	10.84	173	130854	20.106	ug/l #	98
73) Isopropylbenzene	11.00	105	929886	20.693	ug/l	99
74) N-amyl acetate	10.88	43	457608	19.725	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	185289	19.483	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	270248m	20.085	ug/l	
77) Bromobenzene	11.24	156	245252	19.974	ug/l	98
78) n-propylbenzene	11.34	91	1061732	20.625	ug/l	99
79) 2-Chlorotoluene	11.40	91	631531	20.423	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	799758	20.872	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	107430	19.206	ug/l #	89
82) 4-Chlorotoluene	11.50	91	749541	20.398	ug/l	100
83) tert-Butylbenzene	11.76	119	684849	20.149	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	808840	20.332	ug/l	99
85) sec-Butylbenzene	11.93	105	912548	20.367	ug/l	100
86) p-Isopropyltoluene	12.05	119	868673	20.734	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	449895	19.961	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	450253	19.956	ug/l	97
89) n-Butylbenzene	12.37	91	754631	20.145	ug/l	99
90) Hexachloroethane	12.58	117	99574	22.497	ug/l	97
91) 1,2-Dichlorobenzene	12.37	146	424825	19.873	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55104	19.538	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	335206	19.901	ug/l	98
94) Hexachlorobutadiene	13.77	225	156893	20.775	ug/l	98
95) Naphthalene	13.82	128	959456	19.799	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	326663	19.878	ug/l	99

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

