

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042120\
 Data File : VX015789.D
 Acq On : 21 Apr 2020 13:15
 Operator : JC/SP
 Sample : VX0421WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421WBSD01

Manual Integrations
 APPROVED

MMDadoda
 4/22/2020 10:02:22 AM

Quant Time: Apr 21 16:35:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	955077	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1424107	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1313940	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	703593	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	627697	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
35) Dibromofluoromethane	5.47	113	478213	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	
50) Toluene-d8	8.70	98	1774586	52.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.90%	
62) 4-Bromofluorobenzene	11.12	95	722158	53.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.04%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.19	85	121560	14.447	ug/l	100
3) Chloromethane	1.31	50	135097	12.607	ug/l	97
4) Vinyl Chloride	1.39	62	158179	16.076	ug/l	99
5) Bromomethane	1.63	94	70862	8.990	ug/l	89
6) Chloroethane	1.71	64	105529	17.293	ug/l	98
7) Trichlorofluoromethane	1.92	101	225599	17.097	ug/l	97
8) Diethyl Ether	2.17	74	99358	17.852	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	156984	18.249	ug/l	95
10) Methyl Iodide	2.49	142	101831	8.780	ug/l	96
11) Tert butyl alcohol	3.01	59	223043	69.178	ug/l	100
12) 1,1-Dichloroethene	2.36	96	148225	16.439	ug/l	97
13) Acrolein	2.27	56	168415	91.697	ug/l	100
14) Allyl chloride	2.71	41	325495	15.449	ug/l	99
15) Acrylonitrile	3.11	53	524170	85.248	ug/l	100
16) Acetone	2.42	43	517157	89.363	ug/l	98
17) Carbon Disulfide	2.55	76	435933	15.848	ug/l	100
18) Methyl Acetate	2.75	43	259605	17.576	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	607402	17.369	ug/l	98
20) Methylene Chloride	2.83	84	183736	16.998	ug/l	96
21) trans-1,2-Dichloroethene	3.14	96	166049	16.593	ug/l	97
22) Diisopropyl ether	3.83	45	650843	17.433	ug/l	94
23) Vinyl Acetate	3.78	43	2876776	85.106	ug/l	99
24) 1,1-Dichloroethane	3.67	63	322237	16.393	ug/l	99
25) 2-Butanone	4.63	43	759393	81.594	ug/l	100
26) 2,2-Dichloropropane	4.55	77	278639	17.270	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	202690	17.507	ug/l	98
28) Bromochloromethane	4.98	49	154501	16.462	ug/l	96
29) Tetrahydrofuran	5.09	42	482676	80.672	ug/l	99
30) Chloroform	5.18	83	323730	17.118	ug/l	97
31) Cyclohexane	5.55	56	278907	16.356	ug/l	99
32) 1,1,1-Trichloroethane	5.47	97	285666	16.691	ug/l	99
36) 1,1-Dichloropropene	5.77	75	240319	18.315	ug/l	97
37) Ethyl Acetate	4.79	43	288808	16.904	ug/l	98
38) Carbon Tetrachloride	5.76	117	247523	17.416	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	278024	18.377	ug/l	97
40) Benzene	6.11	78	704152	18.320	ug/l	98
41) Methacrylonitrile	5.00	41	166910	17.599	ug/l	96
42) 1,2-Dichloroethane	6.17	62	278609	18.046	ug/l	97
43) Isopropyl Acetate	6.41	43	499873	17.332	ug/l	99
44) Trichloroethene	7.19	130	201659	19.237	ug/l	100
45) 1,2-Dichloropropane	7.49	63	196289	18.668	ug/l	100
46) Dibromomethane	7.64	93	122264	17.726	ug/l	92
47) Bromodichloromethane	7.88	83	254283	17.302	ug/l	95
48) Methyl methacrylate	7.75	41	250195	17.367	ug/l	97
49) 1,4-Dioxane	7.72	88	82586	307.303	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1482520	90.701	ug/l	99
52) Toluene	8.76	92	451735	19.063	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	293143	17.007	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	317037	18.056	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	190446	19.616	ug/l	98
56) Ethyl methacrylate	9.16	69	306468	17.911	ug/l	96
57) 1,3-Dichloropropane	9.36	76	328798	18.797	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	675608	81.177	ug/l	100
59) 2-Hexanone	9.47	43	1104452	89.500	ug/l	98
60) Dibromochloromethane	9.56	129	213007	18.258	ug/l	100
61) 1,2-Dibromoethane	9.65	107	201055	19.045	ug/l	98
64) Tetrachloroethene	9.32	164	186499	18.808	ug/l	93
65) Chlorobenzene	10.12	112	500430	19.098	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	190100	18.159	ug/l	99
67) Ethyl Benzene	10.24	91	881487	18.967	ug/l	99
68) m/p-Xylenes	10.34	106	657142	37.972	ug/l	99
69) o-Xylene	10.68	106	322569	18.863	ug/l	98
70) Styrene	10.70	104	570682	18.964	ug/l	97
71) Bromoform	10.84	173	162073	17.007	ug/l #	99
73) Isopropylbenzene	11.00	105	871068	18.895	ug/l	98
74) N-amyl acetate	10.88	43	423786	16.528	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	288208	18.219	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	260792m	18.024	ug/l	
77) Bromobenzene	11.24	156	237558	19.319	ug/l	92
78) n-propylbenzene	11.34	91	985589	18.697	ug/l	100
79) 2-Chlorotoluene	11.40	91	596474	18.461	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	744180	18.901	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	88330	14.648	ug/l	94
82) 4-Chlorotoluene	11.49	91	709220	18.724	ug/l	99
83) tert-Butylbenzene	11.76	119	738994	19.216	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	750932	18.717	ug/l	99
85) sec-Butylbenzene	11.93	105	846610	19.035	ug/l	98
86) p-Isopropyltoluene	12.05	119	803507	19.460	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	433014	19.670	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	437891	19.529	ug/l	99
89) n-Butylbenzene	12.37	91	707616	18.964	ug/l	99
90) Hexachloroethane	12.58	117	131382	16.348	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	423389	19.653	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	65089	14.578	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	337309	19.794	ug/l	98
94) Hexachlorobutadiene	13.77	225	148363	18.286	ug/l	95
95) Naphthalene	13.82	128	995868	19.159	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	333820	20.347	ug/l	97

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

