

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX033020\
 Data File : VX015426.D
 Acq On : 30 Mar 2020 14:34
 Operator : JC/SP
 Sample : VX0330WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0330WBSD01

Manual Integrations
 APPROVED

apatel
 3/31/2020 11:05:30 AM

Quant Time: Mar 31 08:29:25 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	1102124	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1714430	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1540024	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	817331	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	746635	48.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.06%	
35) Dibromofluoromethane	5.47	113	541368	49.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.80%	
50) Toluene-d8	8.70	98	1994248	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.12	95	815296	49.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	195450	20.129	ug/l	97
3) Chloromethane	1.31	50	220092	17.799	ug/l	97
4) Vinyl Chloride	1.39	62	213455	18.800	ug/l	97
5) Bromomethane	1.63	94	142129	22.747	ug/l	99
6) Chloroethane	1.71	64	136106	19.328	ug/l	98
7) Trichlorofluoromethane	1.92	101	306892	20.154	ug/l	98
8) Diethyl Ether	2.17	74	121148	18.863	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	201034	20.252	ug/l	99
10) Methyl Iodide	2.49	142	233594	17.454	ug/l	99
11) Tert butyl alcohol	3.00	59	286970	77.130	ug/l	100
12) 1,1-Dichloroethene	2.36	96	200545	19.274	ug/l	97
13) Acrolein	2.27	56	169956	80.190	ug/l	100
14) Allyl chloride	2.70	41	457447	18.815	ug/l	98
15) Acrylonitrile	3.11	53	642039	90.486	ug/l	99
16) Acetone	2.42	43	570447	85.420	ug/l	99
17) Carbon Disulfide	2.55	76	607088	19.126	ug/l	99
18) Methyl Acetate	2.75	43	302122	17.725	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	774136	19.183	ug/l	99
20) Methylene Chloride	2.83	84	233554	18.723	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	217657	18.848	ug/l	94
22) Diisopropyl ether	3.82	45	844506	19.602	ug/l	96
23) Vinyl Acetate	3.78	43	3835692	98.335	ug/l	100
24) 1,1-Dichloroethane	3.67	63	428134	18.875	ug/l	99
25) 2-Butanone	4.63	43	921162	85.770	ug/l	99
26) 2,2-Dichloropropane	4.55	77	368204	19.776	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	250831	18.774	ug/l	97
28) Bromochloromethane	4.98	49	214845	19.838	ug/l	96
29) Tetrahydrofuran	5.09	42	596762	86.432	ug/l	99
30) Chloroform	5.18	83	408083	18.699	ug/l	98
31) Cyclohexane	5.55	56	398392	20.246	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	377309	19.104	ug/l	99
36) 1,1-Dichloropropene	5.77	75	318360	20.154	ug/l	100
37) Ethyl Acetate	4.79	43	374658	18.215	ug/l	100
38) Carbon Tetrachloride	5.75	117	330704	19.329	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	376791	20.687	ug/l	97
40) Benzene	6.11	78	899156	19.432	ug/l	97
41) Methacrylonitrile	5.00	41	217367	19.038	ug/l	99
42) 1,2-Dichloroethane	6.16	62	370817	19.951	ug/l	99
43) Isopropyl Acetate	6.41	43	648871	18.688	ug/l	100
44) Trichloroethene	7.18	130	248875	19.721	ug/l	98
45) 1,2-Dichloropropane	7.49	63	247687	19.567	ug/l	100
46) Dibromomethane	7.64	93	163575	19.699	ug/l	99
47) Bromodichloromethane	7.87	83	343507	19.415	ug/l	94
48) Methyl methacrylate	7.75	41	323373	18.646	ug/l	99
49) 1,4-Dioxane	7.72	88	110204	340.628	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1853881	94.214	ug/l	99
52) Toluene	8.76	92	569623	19.967	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	399026	19.229	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	422609	19.993	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	226027	19.338	ug/l	98
56) Ethyl methacrylate	9.16	69	397376	19.291	ug/l	99
57) 1,3-Dichloropropane	9.36	76	408264	19.387	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	992331	99.041	ug/l	98
59) 2-Hexanone	9.47	43	1377457	92.721	ug/l	99
60) Dibromochloromethane	9.56	129	266956	19.007	ug/l	97
61) 1,2-Dibromoethane	9.65	107	244457	19.235	ug/l	99
64) Tetrachloroethene	9.32	164	233799	20.117	ug/l	97
65) Chlorobenzene	10.12	112	611161	19.899	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	238477	19.436	ug/l	99
67) Ethyl Benzene	10.24	91	1116858	20.503	ug/l	98
68) m/p-Xylenes	10.34	106	817903	40.324	ug/l	97
69) o-Xylene	10.68	106	399722	19.943	ug/l	97
70) Styrene	10.70	104	699545	19.834	ug/l	100
71) Bromoform	10.84	173	202404	18.121	ug/l	97
73) Isopropylbenzene	11.00	105	1068538	19.953	ug/l	99
74) N-amyl acetate	10.88	43	565490	18.986	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	344714	18.759	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	327913m	19.510	ug/l	
77) Bromobenzene	11.24	156	278017	19.463	ug/l	100
78) n-propylbenzene	11.34	91	1251002	20.429	ug/l	99
79) 2-Chlorotoluene	11.40	91	747862	19.925	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	911471	19.929	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	129439	18.479	ug/l	98
82) 4-Chlorotoluene	11.50	91	885167	20.117	ug/l	100
83) tert-Butylbenzene	11.76	119	910776	20.387	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	928421	19.920	ug/l	98
85) sec-Butylbenzene	11.93	105	1055428	20.427	ug/l	99
86) p-Isopropyltoluene	12.05	119	986249	20.562	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	493344	19.292	ug/l	97
88) 1,4-Dichlorobenzene	12.08	146	512777	19.686	ug/l	97
89) n-Butylbenzene	12.37	91	882817	20.367	ug/l	100
90) Hexachloroethane	12.58	117	183194	19.623	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	490755	19.610	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	83641	16.127	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	367026	18.541	ug/l	98
94) Hexachlorobutadiene	13.77	225	172969	18.353	ug/l	98
95) Naphthalene	13.82	128	1160990	19.227	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	372969	19.569	ug/l	99

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

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