

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX033120\
 Data File : VX015446.D
 Acq On : 31 Mar 2020 12:08
 Operator : JC/SP
 Sample : VX0331WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0331WBS01

Quant Time: Apr 01 07:46:21 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	1131081	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1791552	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1601771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	856458	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	742152	46.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.04%	
35) Dibromofluoromethane	5.47	113	539738	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	
50) Toluene-d8	8.70	98	2002020	47.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.96%	
62) 4-Bromofluorobenzene	11.12	95	819224	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.19	85	205386	20.611	ug/l 97
3) Chloromethane	1.31	50	217369	17.129	ug/l 97
4) Vinyl Chloride	1.39	62	220922	18.959	ug/l 99
5) Bromomethane	1.63	94	129183	19.043	ug/l 95
6) Chloroethane	1.72	64	134096	18.555	ug/l 100
7) Trichlorofluoromethane	1.92	101	323082	20.674	ug/l 97
8) Diethyl Ether	2.17	74	119563	18.139	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	213597	20.967	ug/l 98
10) Methyl Iodide	2.49	142	229838	16.734	ug/l 99
11) Tert butyl alcohol	3.01	59	303626	79.517	ug/l 99
12) 1,1-Dichloroethene	2.36	96	210246	19.689	ug/l 98
13) Acrolein	2.27	56	173680	79.849	ug/l 99
14) Allyl chloride	2.71	41	475624	19.062	ug/l 98
15) Acrylonitrile	3.11	53	636017	87.342	ug/l 100
16) Acetone	2.42	43	593866	86.650	ug/l 100
17) Carbon Disulfide	2.55	76	630148	19.344	ug/l 100
18) Methyl Acetate	2.75	43	307448	17.576	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	774162	18.692	ug/l 98
20) Methylene Chloride	2.83	84	236012	18.436	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	227228	19.173	ug/l 93
22) Diisopropyl ether	3.83	45	861689	19.489	ug/l 91
23) Vinyl Acetate	3.78	43	3866800	96.594	ug/l 100
24) 1,1-Dichloroethane	3.67	63	439549	18.882	ug/l 98
25) 2-Butanone	4.64	43	932549	84.607	ug/l 99
26) 2,2-Dichloropropane	4.55	77	397041	20.779	ug/l 98
27) cis-1,2-Dichloroethene	4.56	96	258344	18.842	ug/l 95
28) Bromochloromethane	4.98	49	217585	19.577	ug/l 97
29) Tetrahydrofuran	5.09	42	600503	84.747	ug/l 99
30) Chloroform	5.18	83	423628	18.915	ug/l 97
31) Cyclohexane	5.54	56	416590	20.629	ug/l 98
32) 1,1,1-Trichloroethane	5.47	97	397092	19.591	ug/l 100
36) 1,1-Dichloropropene	5.77	75	327988	19.869	ug/l 99
37) Ethyl Acetate	4.79	43	374793	17.438	ug/l 99
38) Carbon Tetrachloride	5.76	117	347317	19.426	ug/l 93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	396376	20.826	ug/l	100
40) Benzene	6.11	78	931223	19.258	ug/l	96
41) Methacrylonitrile	5.00	41	215149	18.032	ug/l	99
42) 1,2-Dichloroethane	6.16	62	366980	18.894	ug/l	100
43) Isopropyl Acetate	6.41	43	655660	18.071	ug/l	99
44) Trichloroethene	7.19	130	254703	19.314	ug/l	92
45) 1,2-Dichloropropane	7.49	63	251701	19.028	ug/l	100
46) Dibromomethane	7.64	93	161769	18.643	ug/l	100
47) Bromodichloromethane	7.87	83	354676	19.183	ug/l	97
48) Methyl methacrylate	7.75	41	322381	17.788	ug/l	100
49) 1,4-Dioxane	7.72	88	120288	355.791	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	1849267	89.934	ug/l	99
52) Toluene	8.76	92	583165	19.562	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	398800	18.391	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	420181	19.022	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	232270	19.017	ug/l	98
56) Ethyl methacrylate	9.16	69	385761	17.921	ug/l	99
57) 1,3-Dichloropropane	9.35	76	407714	18.528	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	957164	91.419	ug/l	98
59) 2-Hexanone	9.47	43	1384150	89.161	ug/l	99
60) Dibromochloromethane	9.57	129	266864	18.183	ug/l	97
61) 1,2-Dibromoethane	9.65	107	243584	18.341	ug/l	98
64) Tetrachloroethene	9.32	164	232857	19.263	ug/l	99
65) Chlorobenzene	10.12	112	619747	19.401	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	238147	18.661	ug/l	98
67) Ethyl Benzene	10.23	91	1127248	19.896	ug/l	98
68) m/p-Xylenes	10.34	106	837028	39.676	ug/l	98
69) o-Xylene	10.68	106	407520	19.548	ug/l	98
70) Styrene	10.70	104	700023	19.082	ug/l	99
71) Bromoform	10.84	173	201687	17.360	ug/l	96
73) Isopropylbenzene	11.00	105	1112718	19.829	ug/l	99
74) N-amyl acetate	10.88	43	547332	17.536	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	341079	17.713	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	333093m	18.912	ug/l	
77) Bromobenzene	11.24	156	280261	18.723	ug/l	99
78) n-propylbenzene	11.34	91	1280250	19.952	ug/l	100
79) 2-Chlorotoluene	11.40	91	755945	19.220	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	950385	19.830	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	126645	17.254	ug/l	95
82) 4-Chlorotoluene	11.49	91	907217	19.676	ug/l	98
83) tert-Butylbenzene	11.76	119	913960	19.524	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	955628	19.567	ug/l	99
85) sec-Butylbenzene	11.93	105	1077864	19.908	ug/l	99
86) p-Isopropyltoluene	12.05	119	999075	19.877	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	505261	18.855	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	502989	18.428	ug/l	97
89) n-Butylbenzene	12.37	91	910025	20.036	ug/l	99
90) Hexachloroethane	12.58	117	181522	18.555	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	486372	18.547	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	85380	15.710	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	368645	17.772	ug/l	97
94) Hexachlorobutadiene	13.77	225	176202	17.841	ug/l	98
95) Naphthalene	13.82	128	1133984	17.922	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	369695	18.511	ug/l	98

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

