

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080320\
 Data File : VX017744.D
 Acq On : 03 Aug 2020 14:38
 Operator : JC/SP
 Sample : VX0803WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0803WBSD01

Manual Integrations
 APPROVED

MMDadoda
 8/4/2020 9:51:14 AM

Quant Time: Aug 04 07:06:19 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	553852	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	803363	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	733985	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	405094	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	344904	48.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.96%	
35) Dibromofluoromethane	5.46	113	268068	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
50) Toluene-d8	8.70	98	916495	47.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.56%	
62) 4-Bromofluorobenzene	11.12	95	360081	46.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.84%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.18	85	91818	17.201	ug/l	99
3) Chloromethane	1.32	50	106297	15.780	ug/l	98
4) Vinyl Chloride	1.40	62	105378	15.120	ug/l	99
5) Bromomethane	1.63	94	81566	19.943	ug/l	93
6) Chloroethane	1.71	64	68822	17.410	ug/l	99
7) Trichlorofluoromethane	1.92	101	190365	17.365	ug/l	98
8) Diethyl Ether	2.17	74	65277	17.481	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	103204	17.156	ug/l	99
10) Methyl Iodide	2.50	142	118399	15.384	ug/l	95
11) Tert butyl alcohol	3.01	59	126880	84.618	ug/l	99
12) 1,1-Dichloroethene	2.36	96	95838	16.753	ug/l	99
13) Acrolein	2.28	56	59736	55.463	ug/l	99
14) Allyl chloride	2.71	41	183418	17.559	ug/l	96
15) Acrylonitrile	3.11	53	293068	90.492	ug/l	98
16) Acetone	2.42	43	268868	85.864	ug/l	98
17) Carbon Disulfide	2.56	76	257515	14.810	ug/l	98
18) Methyl Acetate	2.75	43	144989	19.660	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	352292	17.792	ug/l	99
20) Methylene Chloride	2.84	84	112661	18.289	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	104386	17.033	ug/l	99
22) Diisopropyl ether	3.82	45	356625	18.672	ug/l	90
23) Vinyl Acetate	3.78	43	1543837	90.655	ug/l	99
24) 1,1-Dichloroethane	3.67	63	195960	17.810	ug/l	97
25) 2-Butanone	4.63	43	400939	90.131	ug/l	98
26) 2,2-Dichloropropane	4.55	77	182778	18.558	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	116212	17.458	ug/l	98
28) Bromochloromethane	4.98	49	92226	18.497	ug/l	100
29) Tetrahydrofuran	5.09	42	256450	93.070	ug/l	100
30) Chloroform	5.18	83	207776	18.482	ug/l	94
31) Cyclohexane	5.55	56	150227	17.122	ug/l	95
32) 1,1,1-Trichloroethane	5.46	97	190539	17.973	ug/l	99
36) 1,1-Dichloropropene	5.77	75	141109	18.314	ug/l	99
37) Ethyl Acetate	4.80	43	159216	18.886	ug/l	99
38) Carbon Tetrachloride	5.76	117	173877	18.583	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	153168	17.029	ug/l	96
40) Benzene	6.12	78	419499	18.991	ug/l	98
41) Methacrylonitrile	5.01	41	85265	17.645	ug/l	94
42) 1,2-Dichloroethane	6.16	62	174552	19.315	ug/l	97
43) Isopropyl Acetate	6.41	43	254104	18.268	ug/l	99
44) Trichloroethene	7.19	130	122078	18.910	ug/l	98
45) 1,2-Dichloropropane	7.49	63	107154	17.498	ug/l	97
46) Dibromomethane	7.64	93	76941	17.779	ug/l	97
47) Bromodichloromethane	7.87	83	159723	18.343	ug/l	99
48) Methyl methacrylate	7.74	41	119706	17.361	ug/l	99
49) 1,4-Dioxane	7.71	88	48111	363.948	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	763771	92.027	ug/l	99
52) Toluene	8.76	92	254388	17.957	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	173421	17.791	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	183009	18.407	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	112186	19.010	ug/l	98
56) Ethyl methacrylate	9.16	69	161609	18.177	ug/l	97
57) 1,3-Dichloropropane	9.35	76	180087	18.532	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	406716	86.827	ug/l	99
59) 2-Hexanone	9.47	43	566393	90.645	ug/l	98
60) Dibromochloromethane	9.57	129	136435	18.189	ug/l	99
61) 1,2-Dibromoethane	9.65	107	121311	19.308	ug/l	99
64) Tetrachloroethene	9.32	164	129746	19.695	ug/l	97
65) Chlorobenzene	10.12	112	288423	18.154	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	121461	18.943	ug/l	99
67) Ethyl Benzene	10.23	91	483776	18.242	ug/l	96
68) m/p-Xylenes	10.34	106	375810	36.579	ug/l	97
69) o-Xylene	10.68	106	182278	18.447	ug/l	100
70) Styrene	10.69	104	315382	18.760	ug/l	99
71) Bromoform	10.84	173	109455	19.703	ug/l #	98
73) Isopropylbenzene	11.00	105	508788	18.308	ug/l	100
74) N-amyl acetate	10.88	43	224586	18.189	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	156188	18.006	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	151865m	18.225	ug/l	
77) Bromobenzene	11.24	156	140104	18.008	ug/l	98
78) n-propylbenzene	11.34	91	566501	18.074	ug/l	99
79) 2-Chlorotoluene	11.40	91	349730	18.013	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	431056	18.167	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	58298	17.629	ug/l	99
82) 4-Chlorotoluene	11.49	91	410625	17.929	ug/l	100
83) tert-Butylbenzene	11.76	119	421473	18.564	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	435782	18.465	ug/l	100
85) sec-Butylbenzene	11.93	105	484172	18.306	ug/l	99
86) p-Isopropyltoluene	12.05	119	453558	18.008	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	245926	18.408	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	240879	17.406	ug/l	99
89) n-Butylbenzene	12.37	91	398948	17.776	ug/l	98
90) Hexachloroethane	12.58	117	84430	17.003	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	231993	17.668	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	40485	18.230	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	178494	19.918	ug/l	99
94) Hexachlorobutadiene	13.77	225	78034	18.917	ug/l	96
95) Naphthalene	13.82	128	502227	18.774	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	166720	18.842	ug/l	98

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

