

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX073120\
 Data File : VX017718.D
 Acq On : 31 Jul 2020 22:42
 Operator : JC/SP
 Sample : VX0731WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0731WBSD02

Manual Integrations
 APPROVED

MMDadoda
 8/3/2020 5:02:37 PM

Quant Time: Aug 01 04:51:05 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	5.64	168	601316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	889581	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	787306	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	452686	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	354915	45.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.90%	
35) Dibromofluoromethane	5.47	113	285088	47.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.84%	
50) Toluene-d8	8.70	98	927429	43.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.42%	
62) 4-Bromofluorobenzene	11.12	95	367087	42.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	87939	15.051	ug/l	97
3) Chloromethane	1.31	50	105584	14.468	ug/l	99
4) Vinyl Chloride	1.39	62	112438	14.859	ug/l	99
5) Bromomethane	1.63	94	81368	18.061	ug/l	97
6) Chloroethane	1.71	64	72618	16.898	ug/l	97
7) Trichlorofluoromethane	1.92	101	190945	16.043	ug/l	100
8) Diethyl Ether	2.17	74	65980	16.178	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	95718	14.655	ug/l	97
10) Methyl Iodide	2.50	142	113664	13.603	ug/l	96
11) Tert butyl alcohol	3.01	59	123655	75.958	ug/l	97
12) 1,1-Dichloroethene	2.36	96	94714	15.250	ug/l	98
13) Acrolein	2.28	56	73087	61.976	ug/l	99
14) Allyl chloride	2.71	41	173452	15.294	ug/l	98
15) Acrylonitrile	3.12	53	272316	77.447	ug/l	99
16) Acetone	2.42	43	280509	82.510	ug/l	94
17) Carbon Disulfide	2.55	76	271918	14.404	ug/l	99
18) Methyl Acetate	2.75	43	136155	17.005	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	323760	15.060	ug/l	99
20) Methylene Chloride	2.84	84	111248	16.515	ug/l	97
21) trans-1,2-Dichloroethene	3.15	96	100243	15.066	ug/l	95
22) Diisopropyl ether	3.83	45	332603	16.039	ug/l	98
23) Vinyl Acetate	3.79	43	1467897	79.392	ug/l	100
24) 1,1-Dichloroethane	3.67	63	195511	16.367	ug/l	97
25) 2-Butanone	4.64	43	394062	81.593	ug/l	97
26) 2,2-Dichloropropane	4.55	77	151795	14.196	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	117784	16.298	ug/l	96
28) Bromochloromethane	4.99	49	97153	17.947	ug/l	98
29) Tetrahydrofuran	5.09	42	249645	83.449	ug/l	99
30) Chloroform	5.18	83	205420	16.830	ug/l	92
31) Cyclohexane	5.56	56	155136	16.286	ug/l	98
32) 1,1,1-Trichloroethane	5.47	97	199255	17.312	ug/l	99
36) 1,1-Dichloropropene	5.78	75	144977	16.992	ug/l	97
37) Ethyl Acetate	4.80	43	151534	16.233	ug/l	98
38) Carbon Tetrachloride	5.76	117	181153	17.484	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	152183	15.280	ug/l	96
40) Benzene	6.12	78	408881	16.716	ug/l	100
41) Methacrylonitrile	5.01	41	88609	16.560	ug/l	97
42) 1,2-Dichloroethane	6.17	62	171904	17.178	ug/l	97
43) Isopropyl Acetate	6.42	43	259137	16.824	ug/l	99
44) Trichloroethene	7.19	130	129869	18.168	ug/l	98
45) 1,2-Dichloropropane	7.49	63	113024	16.668	ug/l	99
46) Dibromomethane	7.64	93	76066	15.873	ug/l	98
47) Bromodichloromethane	7.88	83	169024	17.529	ug/l	99
48) Methyl methacrylate	7.74	41	130633	17.110	ug/l	99
49) 1,4-Dioxane	7.71	88	54318	371.078	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	715642	77.871	ug/l	99
52) Toluene	8.77	92	281514	17.946	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	179541	16.634	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	167091	15.177	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	119741	18.324	ug/l	99
56) Ethyl methacrylate	9.16	69	169775	17.244	ug/l	100
57) 1,3-Dichloropropane	9.35	76	194132	18.041	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	357608	68.944	ug/l	98
59) 2-Hexanone	9.47	43	639095	92.367	ug/l	98
60) Dibromochloromethane	9.57	129	145528	17.521	ug/l	99
61) 1,2-Dibromoethane	9.65	107	121206	17.421	ug/l	99
64) Tetrachloroethene	9.32	164	128904	18.242	ug/l	98
65) Chlorobenzene	10.12	112	277601	16.290	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	118641	17.250	ug/l	100
67) Ethyl Benzene	10.24	91	481211	16.916	ug/l	98
68) m/p-Xylenes	10.34	106	387064	35.123	ug/l	99
69) o-Xylene	10.68	106	195884	18.481	ug/l	99
70) Styrene	10.70	104	338305	18.760	ug/l	100
71) Bromoform	10.84	173	108774	18.255	ug/l #	98
73) Isopropylbenzene	11.00	105	507624	16.346	ug/l	99
74) N-amyl acetate	10.88	43	216260	15.673	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	155698	16.062	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	155373m	16.685	ug/l	
77) Bromobenzene	11.24	156	144509	16.622	ug/l	99
78) n-propylbenzene	11.34	91	549152	15.679	ug/l	99
79) 2-Chlorotoluene	11.40	91	363292	16.744	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	457063	17.238	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	53060	14.358	ug/l	96
82) 4-Chlorotoluene	11.49	91	447432	17.482	ug/l	100
83) tert-Butylbenzene	11.76	119	418173	16.482	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	432545	16.401	ug/l	98
85) sec-Butylbenzene	11.93	105	481287	16.284	ug/l	98
86) p-Isopropyltoluene	12.05	119	468199	16.635	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	255907	17.141	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	248943	16.098	ug/l	99
89) n-Butylbenzene	12.37	91	389321	15.523	ug/l	98
90) Hexachloroethane	12.58	117	90106	16.238	ug/l	93
91) 1,2-Dichlorobenzene	12.37	146	234120	15.955	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	43180	17.517	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	163708	16.347	ug/l	100
94) Hexachlorobutadiene	13.77	225	74125	16.080	ug/l	98
95) Naphthalene	13.82	128	504956	16.891	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	158114	15.990	ug/l	99

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

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