

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX082720\
 Data File : VX018088.D
 Acq On : 27 Aug 2020 13:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 8/28/2020 2:59:12 PM

Quant Time: Aug 28 03:07:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	518632	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	770093	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	744283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	383641	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	359497	49.93	ug/l	0.00
Spiked Amount						
			Recovery	=	99.86%	
35) Dibromofluoromethane	5.46	113	282006	53.77	ug/l	0.00
Spiked Amount						
			Recovery	=	107.54%	
50) Toluene-d8	8.70	98	1015621	51.99	ug/l	0.00
Spiked Amount						
			Recovery	=	103.98%	
62) 4-Bromofluorobenzene	11.12	95	404029	52.57	ug/l	0.00
Spiked Amount						
			Recovery	=	105.14%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	312369	49.469	ug/l	96
3) Chloromethane	1.31	50	297358	44.667	ug/l	97
4) Vinyl Chloride	1.39	62	298944	45.110	ug/l	100
5) Bromomethane	1.62	94	181684	56.840	ug/l	95
6) Chloroethane	1.71	64	171076	48.064	ug/l	100
7) Trichlorofluoromethane	1.92	101	484217	53.586	ug/l	97
8) Diethyl Ether	2.17	74	147313	48.071	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	236993	48.512	ug/l	98
10) Methyl Iodide	2.49	142	280640	53.302	ug/l	97
11) Tert butyl alcohol	3.01	59	288871	206.347	ug/l	99
12) 1,1-Dichloroethene	2.35	96	225113	44.416	ug/l	98
13) Acrolein	2.27	56	106563	183.580	ug/l	97
14) Allyl chloride	2.70	41	424404	46.608	ug/l	98
15) Acrylonitrile	3.12	53	691851	217.866	ug/l	99
16) Acetone	2.42	43	565547	201.583	ug/l	97
17) Carbon Disulfide	2.55	76	682547	44.548	ug/l	99
18) Methyl Acetate	2.75	43	310449	45.856	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	825768	47.508	ug/l	98
20) Methylene Chloride	2.83	84	275079	47.904	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	263825	46.983	ug/l	97
22) Diisopropyl ether	3.82	45	827884	46.065	ug/l	97
23) Vinyl Acetate	3.78	43	3725949	232.990	ug/l	100
24) 1,1-Dichloroethane	3.67	63	472151	46.151	ug/l	98
25) 2-Butanone	4.63	43	958492	207.880	ug/l	98
26) 2,2-Dichloropropane	4.55	77	440557	52.926	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	284617	43.992	ug/l	100
28) Bromochloromethane	4.98	49	228904	46.353	ug/l	98
29) Tetrahydrofuran	5.09	42	614645	209.409	ug/l	98
30) Chloroform	5.17	83	501954	47.384	ug/l	99
31) Cyclohexane	5.54	56	398667	46.261	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	468563	48.199	ug/l	100
36) 1,1-Dichloropropene	5.76	75	365297	51.429	ug/l	99
37) Ethyl Acetate	4.79	43	377476	45.757	ug/l	99
38) Carbon Tetrachloride	5.75	117	434757	54.313	ug/l	98

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	408883	52.645	ug/l	97
40) Benzene	6.11	78	1034629	49.572	ug/l	100
41) Methacrylonitrile	5.00	41	209151	46.174	ug/l	100
42) 1,2-Dichloroethane	6.16	62	414402	51.823	ug/l	98
43) Isopropyl Acetate	6.41	43	621532	46.645	ug/l	100
44) Trichloroethene	7.18	130	296785	50.325	ug/l	96
45) 1,2-Dichloropropane	7.49	63	275206	48.924	ug/l	97
46) Dibromomethane	7.63	93	198942	50.293	ug/l	98
47) Bromodichloromethane	7.87	83	412010	52.164	ug/l	99
48) Methyl methacrylate	7.74	41	310583	46.823	ug/l	98
49) 1,4-Dioxane	7.71	88	113033	940.740	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1959004	238.010	ug/l	100
52) Toluene	8.76	92	662717	50.075	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	454657	51.939	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	472037	50.904	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	277776	49.213	ug/l	98
56) Ethyl methacrylate	9.16	69	414134	49.355	ug/l	98
57) 1,3-Dichloropropane	9.35	76	460862	49.504	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	873951	231.533	ug/l	97
59) 2-Hexanone	9.47	43	1581719	252.729	ug/l	100
60) Dibromochloromethane	9.57	129	349003	52.709	ug/l	99
61) 1,2-Dibromoethane	9.65	107	304391	49.673	ug/l	98
64) Tetrachloroethene	9.32	164	294962	53.929	ug/l	95
65) Chlorobenzene	10.12	112	749017	50.388	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	306806	52.367	ug/l	99
67) Ethyl Benzene	10.24	91	1315697	52.046	ug/l	99
68) m/p-Xylenes	10.34	106	1008724	106.908	ug/l	99
69) o-Xylene	10.68	106	477986	52.258	ug/l	99
70) Styrene	10.69	104	839969	53.925	ug/l	99
71) Bromoform	10.84	173	268881	53.805	ug/l #	100
73) Isopropylbenzene	11.00	105	1332217	52.646	ug/l	99
74) N-amyl acetate	10.88	43	580796	48.373	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	402789	45.121	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	404316m	47.376	ug/l	
77) Bromobenzene	11.24	156	345562	49.402	ug/l	98
78) n-propylbenzene	11.35	91	1563207	54.404	ug/l	100
79) 2-Chlorotoluene	11.40	91	930733	52.430	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1163219	55.938	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	159558	50.495	ug/l #	90
82) 4-Chlorotoluene	11.49	91	1115582	52.862	ug/l	100
83) tert-Butylbenzene	11.76	119	1107153	53.950	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1176999	55.361	ug/l	99
85) sec-Butylbenzene	11.93	105	1309003	56.091	ug/l	100
86) p-Isopropyltoluene	12.05	119	1243784	58.021	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	614993	50.076	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	631834	51.383	ug/l	97
89) n-Butylbenzene	12.37	91	1082110	55.306	ug/l	99
90) Hexachloroethane	12.58	117	238397	56.525	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	581086	50.265	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.98	75	101931	45.667	ug/l	96

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	395991	51.368	ug/l	99
94) Hexachlorobutadiene	13.76	225	164750	54.183	ug/l	99
95) Naphthalene	13.82	128	1280682	50.480	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	387968	50.934	ug/l	97

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

