

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070820\
 Data File : VX017273.D
 Acq On : 08 Jul 2020 22:16
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:59:57 AM

Quant Time: Jul 09 05:39:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	277213	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	419426	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	408715	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217777	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	164381	48.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.20%	
35) Dibromofluoromethane	5.47	113	136481	51.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.88%	
50) Toluene-d8	8.70	98	490244	49.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.94%	
62) 4-Bromofluorobenzene	11.12	95	202479	52.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.60%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.18	85	124988	46.605	ug/l	98
3) Chloromethane	1.31	50	131761	40.588	ug/l	99
4) Vinyl Chloride	1.39	62	135314	44.926	ug/l	98
5) Bromomethane	1.62	94	74929	47.087	ug/l	98
6) Chloroethane	1.70	64	87517	49.199	ug/l	99
7) Trichlorofluoromethane	1.91	101	240801	54.058	ug/l	99
8) Diethyl Ether	2.17	74	83223	55.486	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	136509	51.131	ug/l	97
10) Methyl Iodide	2.49	142	155184	45.046	ug/l	99
11) Tert butyl alcohol	3.02	59	176729	271.076	ug/l	99
12) 1,1-Dichloroethene	2.36	96	132349	48.256	ug/l	99
13) Acrolein	2.28	56	118273	303.477	ug/l	99
14) Allyl chloride	2.71	41	236207	46.602	ug/l	98
15) Acrylonitrile	3.12	53	418670	267.133	ug/l	99
16) Acetone	2.42	43	351183	274.695	ug/l	99
17) Carbon Disulfide	2.55	76	346180	45.234	ug/l	99
18) Methyl Acetate	2.75	43	188925	56.609	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	490955	53.337	ug/l	98
20) Methylene Chloride	2.84	84	155089	52.940	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	146226	48.043	ug/l	97
22) Diisopropyl ether	3.82	45	475393	50.675	ug/l	97
23) Vinyl Acetate	3.79	43	2102575	260.823	ug/l	99
24) 1,1-Dichloroethane	3.67	63	269105	50.415	ug/l	98
25) 2-Butanone	4.64	43	569511	267.348	ug/l	98
26) 2,2-Dichloropropane	4.55	77	210594	44.434	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	167401	48.542	ug/l	99
28) Bromochloromethane	4.98	49	110752	42.638	ug/l	96
29) Tetrahydrofuran	5.09	42	370237	263.049	ug/l	99
30) Chloroform	5.18	83	282919	51.705	ug/l	99
31) Cyclohexane	5.55	56	215541	46.716	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	263160	52.222	ug/l	99
36) 1,1-Dichloropropene	5.77	75	200115	50.482	ug/l	99
37) Ethyl Acetate	4.80	43	220943	54.933	ug/l	99
38) Carbon Tetrachloride	5.76	117	239302	54.808	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	216230	49.026	ug/l	98
40) Benzene	6.11	78	588255	50.506	ug/l	99
41) Methacrylonitrile	5.01	41	127024	56.114	ug/l	99
42) 1,2-Dichloroethane	6.16	62	231422	55.008	ug/l	99
43) Isopropyl Acetate	6.41	43	357323	53.464	ug/l	99
44) Trichloroethene	7.19	130	173051	53.867	ug/l	97
45) 1,2-Dichloropropane	7.49	63	155443	51.962	ug/l	97
46) Dibromomethane	7.64	93	110381	54.046	ug/l	95
47) Bromodichloromethane	7.88	83	233923	55.578	ug/l	99
48) Methyl methacrylate	7.74	41	179529	56.540	ug/l	97
49) 1,4-Dioxane	7.71	88	72409	1006.599	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1146700	287.829	ug/l	100
52) Toluene	8.76	92	387666	53.311	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	255845	55.094	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	263832	52.998	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	168397	56.679	ug/l	98
56) Ethyl methacrylate	9.16	69	249341	58.963	ug/l	99
57) 1,3-Dichloropropane	9.35	76	272528	54.209	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	571601	271.593	ug/l	99
59) 2-Hexanone	9.48	43	886776	304.774	ug/l	99
60) Dibromochloromethane	9.57	129	201465	58.383	ug/l	99
61) 1,2-Dibromoethane	9.65	107	177901	55.706	ug/l	100
64) Tetrachloroethene	9.32	164	167256	50.705	ug/l	95
65) Chlorobenzene	10.12	112	438838	52.022	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	177675	54.653	ug/l	99
67) Ethyl Benzene	10.24	91	762722	54.141	ug/l	98
68) m/p-Xylenes	10.34	106	588740	108.841	ug/l	97
69) o-Xylene	10.68	106	285179	55.420	ug/l	100
70) Styrene	10.70	104	510753	58.288	ug/l	99
71) Bromoform	10.84	173	159715	61.953	ug/l #	96
73) Isopropylbenzene	11.00	105	779916	54.675	ug/l	99
74) N-amyl acetate	10.88	43	337380	55.430	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	236783	52.770	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	233598m	54.548	ug/l	
77) Bromobenzene	11.24	156	214319	54.667	ug/l	97
78) n-propylbenzene	11.34	91	883677	54.782	ug/l	100
79) 2-Chlorotoluene	11.40	91	536180	54.922	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	661709	55.925	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	85063	51.438	ug/l	95
82) 4-Chlorotoluene	11.49	91	637235	54.602	ug/l	100
83) tert-Butylbenzene	11.76	119	650590	56.013	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	678104	56.491	ug/l	100
85) sec-Butylbenzene	11.93	105	748369	54.813	ug/l	100
86) p-Isopropyltoluene	12.05	119	705324	55.493	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	367663	51.636	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	374147	55.742	ug/l	99
89) n-Butylbenzene	12.37	91	574551	50.626	ug/l	99
90) Hexachloroethane	12.58	117	133475	53.253	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	353289	53.081	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59417	55.509	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	245661	54.077	ug/l	100
94) Hexachlorobutadiene	13.76	225	89927	52.123	ug/l	99
95) Naphthalene	13.82	128	790110	57.209	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	238800	54.318	ug/l	97

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

