

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX120920\
 Data File : VX019795.D
 Acq On : 09 Dec 2020 22:23
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/10/2020 9:30:31 AM

Quant Time: Dec 10 06:48:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X120420W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 04 15:32:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	277704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	453841	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.09	117	414976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	208257	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	176303	48.30	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.60%
35) Dibromofluoromethane	5.46	113	145747	49.69	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.38%
50) Toluene-d8	8.70	98	553658	49.44	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.88%
62) 4-Bromofluorobenzene	11.12	95	212421	49.84	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.68%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	128561	50.565	ug/l 99
3) Chloromethane	1.31	50	134609	45.018	ug/l 99
4) Vinyl Chloride	1.39	62	162102	51.415	ug/l 100
5) Bromomethane	1.62	94	48203	46.045	ug/l 98
6) Chloroethane	1.70	64	103312	54.549	ug/l 98
7) Trichlorofluoromethane	1.91	101	228241	51.982	ug/l 99
8) Diethyl Ether	2.17	74	94606	50.845	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	136576	54.267	ug/l 99
10) Methyl Iodide	2.49	142	160467	43.257	ug/l 100
11) Tert butyl alcohol	3.01	59	196974	262.641	ug/l 100
12) 1,1-Dichloroethene	2.36	96	135919	53.420	ug/l 97
13) Acrolein	2.27	56	77000	191.127	ug/l 98
14) Allyl chloride	2.70	41	217726	50.667	ug/l 98
15) Acrylonitrile	3.11	53	440995	267.270	ug/l 99
16) Acetone	2.42	43	348201	253.812	ug/l 100
17) Carbon Disulfide	2.55	76	339453	46.496	ug/l 100
18) Methyl Acetate	2.75	43	187013	55.706	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	490132	52.895	ug/l 99
20) Methylene Chloride	2.83	84	163815	52.372	ug/l 98
21) trans-1,2-Dichloroethene	3.14	96	151559	51.093	ug/l 99
22) Diisopropyl ether	3.82	45	466326	53.673	ug/l 94
23) Vinyl Acetate	3.78	43	1986891	268.424	ug/l 100
24) 1,1-Dichloroethane	3.67	63	273660	52.232	ug/l 100
25) 2-Butanone	4.63	43	562381	266.779	ug/l 100
26) 2,2-Dichloropropane	4.55	77	208128	46.128	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	177858	51.235	ug/l 99
28) Bromochloromethane	4.98	49	120940	48.422	ug/l 99
29) Tetrahydrofuran	5.09	42	363083	267.330	ug/l 99
30) Chloroform	5.17	83	286356	53.155	ug/l 99
31) Cyclohexane	5.54	56	235284	51.823	ug/l 98
32) 1,1,1-Trichloroethane	5.46	97	244430	52.686	ug/l 100
36) 1,1-Dichloropropene	5.76	75	206100	50.255	ug/l 99
37) Ethyl Acetate	4.79	43	216613	52.313	ug/l 100
38) Carbon Tetrachloride	5.75	117	206080	51.315	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	243885	50.617	ug/l	100
40) Benzene	6.11	78	641491	51.207	ug/l	99
41) Methacrylonitrile	5.00	41	118785	52.249	ug/l	99
42) 1,2-Dichloroethane	6.16	62	222807	52.055	ug/l	99
43) Isopropyl Acetate	6.41	43	347619	51.637	ug/l	99
44) Trichloroethene	7.18	130	164904	50.170	ug/l	98
45) 1,2-Dichloropropane	7.49	63	164080	52.405	ug/l	97
46) Dibromomethane	7.63	93	110338	52.185	ug/l	100
47) Bromodichloromethane	7.87	83	220818	52.631	ug/l	99
48) Methyl methacrylate	7.74	41	174557	52.723	ug/l	99
49) 1,4-Dioxane	7.71	88	84899	1058.538	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1106855	269.303	ug/l	100
52) Toluene	8.76	92	405821	51.795	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	236212	50.734	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	260072	51.417	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	165946	52.556	ug/l	98
56) Ethyl methacrylate	9.16	69	255076	53.395	ug/l	99
57) 1,3-Dichloropropane	9.35	76	278859	51.722	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	689705	272.530	ug/l	100
59) 2-Hexanone	9.47	43	848993	266.489	ug/l	99
60) Dibromochloromethane	9.56	129	172442	53.754	ug/l	100
61) 1,2-Dibromoethane	9.65	107	174143	51.939	ug/l	100
64) Tetrachloroethene	9.32	164	143247	51.474	ug/l	95
65) Chlorobenzene	10.12	112	427343	51.690	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	159586	53.630	ug/l	99
67) Ethyl Benzene	10.23	91	771722	52.587	ug/l	100
68) m/p-Xylenes	10.34	106	582539	105.345	ug/l	98
69) o-Xylene	10.68	106	280966	52.819	ug/l	99
70) Styrene	10.70	104	480733	53.543	ug/l	99
71) Bromoform	10.84	173	127149	54.316	ug/l #	100
73) Isopropylbenzene	11.00	105	753287	52.944	ug/l	99
74) N-amyl acetate	10.88	43	300531	52.708	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	265353	52.899	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	245691m	52.601	ug/l	
77) Bromobenzene	11.24	156	189644	52.084	ug/l	98
78) n-propylbenzene	11.34	91	856333	52.696	ug/l	99
79) 2-Chlorotoluene	11.40	91	516207	51.583	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	628965	52.379	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	83210	51.499	ug/l	99
82) 4-Chlorotoluene	11.49	91	603782	51.515	ug/l	99
83) tert-Butylbenzene	11.76	119	628743	53.388	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	652201	53.919	ug/l	99
85) sec-Butylbenzene	11.93	105	716543	53.291	ug/l	100
86) p-Isopropyltoluene	12.05	119	656880	53.306	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	334934	50.119	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	340239	49.987	ug/l	99
89) n-Butylbenzene	12.37	91	567644	51.993	ug/l	100
90) Hexachloroethane	12.58	117	113643	53.416	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	340138	52.212	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	59106	54.810	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	223071	52.603	ug/l	99
94) Hexachlorobutadiene	13.77	225	97610	51.499	ug/l	98
95) Naphthalene	13.82	128	762182	55.438	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	223624	53.958	ug/l	99

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

