

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112320\
 Data File : VX019592.D
 Acq On : 24 Nov 2020 08:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:00:12 PM

Quant Time: Nov 24 08:35:46 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	263162	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	454282	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	413675	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	200115	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	169793	49.76	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	99.52%
35) Dibromofluoromethane	5.46	113	138495	48.57	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	97.14%
50) Toluene-d8	8.70	98	535064	48.29	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.58%
62) 4-Bromofluorobenzene	11.12	95	197800	49.61	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.22%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	126960	49.611	ug/l 99
3) Chloromethane	1.31	50	141231	48.093	ug/l 100
4) Vinyl Chloride	1.39	62	155260	49.114	ug/l 99
5) Bromomethane	1.62	94	56345	47.057	ug/l 99
6) Chloroethane	1.69	64	35809	46.174	ug/l 98
7) Trichlorofluoromethane	1.90	101	222213	48.702	ug/l 97
8) Diethyl Ether	2.17	74	93646	51.248	ug/l 98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	122239	48.022	ug/l 99
10) Methyl Iodide	2.48	142	180821	54.072	ug/l 100
11) Tert butyl alcohol	3.05	59	182468	282.570	ug/l 99
12) 1,1-Dichloroethene	2.34	96	129285	49.484	ug/l 98
13) Acrolein	2.28	56	97268	224.086	ug/l 98
14) Allyl chloride	2.70	41	187634	45.844	ug/l 99
15) Acrylonitrile	3.12	53	406947	267.220	ug/l 100
16) Acetone	2.43	43	329811	249.946	ug/l 99
17) Carbon Disulfide	2.54	76	315393	44.935	ug/l 100
18) Methyl Acetate	2.75	43	173519	53.586	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	485137	53.794	ug/l 98
20) Methylene Chloride	2.83	84	160539	48.677	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	146336	49.436	ug/l 97
22) Diisopropyl ether	3.82	45	443438	52.372	ug/l 98
23) Vinyl Acetate	3.78	43	1910961	269.073	ug/l 100
24) 1,1-Dichloroethane	3.67	63	265377	51.242	ug/l 99
25) 2-Butanone	4.64	43	523524	264.115	ug/l 99
26) 2,2-Dichloropropane	4.55	77	157705	34.887	ug/l 98
27) cis-1,2-Dichloroethene	4.56	96	175180	51.520	ug/l 99
28) Bromochloromethane	4.98	49	114313	46.168	ug/l 98
29) Tetrahydrofuran	5.09	42	335299	265.116	ug/l 99
30) Chloroform	5.17	83	281350	51.955	ug/l 98
31) Cyclohexane	5.54	56	218113	49.148	ug/l 97
32) 1,1,1-Trichloroethane	5.46	97	240485	51.698	ug/l 100
36) 1,1-Dichloropropene	5.76	75	200349	47.042	ug/l 99
37) Ethyl Acetate	4.79	43	207448	51.885	ug/l 99
38) Carbon Tetrachloride	5.75	117	202302	49.075	ug/l 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	222635	44.896	ug/l	98
40) Benzene	6.11	78	630934	48.216	ug/l	99
41) Methacrylonitrile	5.01	41	111578	50.607	ug/l	98
42) 1,2-Dichloroethane	6.16	62	222251	49.553	ug/l	100
43) Isopropyl Acetate	6.42	43	338956	50.432	ug/l	99
44) Trichloroethene	7.18	130	165203	48.198	ug/l	96
45) 1,2-Dichloropropane	7.49	63	159822	49.613	ug/l	99
46) Dibromomethane	7.63	93	110098	49.935	ug/l	99
47) Bromodichloromethane	7.87	83	218897	51.164	ug/l	98
48) Methyl methacrylate	7.74	41	165930	52.716	ug/l	99
49) 1,4-Dioxane	7.72	88	80631	1128.210	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1039340	265.189	ug/l	100
52) Toluene	8.76	92	404467	50.526	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	230941	49.981	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	249321	48.623	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	165757	50.843	ug/l	100
56) Ethyl methacrylate	9.16	69	251896	54.604	ug/l	99
57) 1,3-Dichloropropane	9.35	76	280611	51.411	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	664966	246.001	ug/l	100
59) 2-Hexanone	9.48	43	777785	261.666	ug/l	98
60) Dibromochloromethane	9.57	129	167810	52.551	ug/l	99
61) 1,2-Dibromoethane	9.65	107	174830	52.025	ug/l	99
64) Tetrachloroethene	9.32	164	141741	43.590	ug/l	94
65) Chlorobenzene	10.12	112	421934	49.609	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	160936	52.021	ug/l	97
67) Ethyl Benzene	10.23	91	760733	51.056	ug/l	99
68) m/p-Xylenes	10.34	106	564648	101.717	ug/l	99
69) o-Xylene	10.68	106	279269	52.628	ug/l	98
70) Styrene	10.70	104	469345	47.855	ug/l	100
71) Bromoform	10.84	173	118410	45.530	ug/l #	99
73) Isopropylbenzene	11.00	105	725590	52.414	ug/l	99
74) N-amyl acetate	10.88	43	291044	56.106	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	259337	52.385	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	223272m	51.125	ug/l	
77) Bromobenzene	11.24	156	181323	51.308	ug/l	100
78) n-propylbenzene	11.34	91	809272	50.958	ug/l	100
79) 2-Chlorotoluene	11.40	91	498677	51.776	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	611421	52.650	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	69204	43.409	ug/l	99
82) 4-Chlorotoluene	11.49	91	582169	51.346	ug/l	99
83) tert-Butylbenzene	11.76	119	601415	53.530	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	620931	52.844	ug/l	100
85) sec-Butylbenzene	11.93	105	683001	51.100	ug/l	99
86) p-Isopropyltoluene	12.05	119	617414	50.878	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	322015	49.615	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	330902	49.497	ug/l	100
89) n-Butylbenzene	12.37	91	514772	46.922	ug/l	98
90) Hexachloroethane	12.58	117	104608	51.515	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	324669	49.807	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	55286	54.741	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	206915	49.442	ug/l	99
94) Hexachlorobutadiene	13.76	225	81619	42.812	ug/l	98
95) Naphthalene	13.82	128	727972	49.348	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	216394	51.693	ug/l	98

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

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