

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102220\
 Data File : VX019066.D
 Acq On : 23 Oct 2020 06:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/23/2020 5:24:42 PM

Quant Time: Oct 23 09:50:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 17:51:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	225269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	382438	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	361264	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	191759	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	133219	49.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.74%	
35) Dibromofluoromethane	5.46	113	117951	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
50) Toluene-d8	8.70	98	452879	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	
62) 4-Bromofluorobenzene	11.12	95	165246	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	119891	53.431	ug/l	99
3) Chloromethane	1.31	50	103644	46.456	ug/l	100
4) Vinyl Chloride	1.39	62	133172	50.588	ug/l	98
5) Bromomethane	1.63	94	70429	26.804	ug/l	97
6) Chloroethane	1.71	64	86690	46.723	ug/l	100
7) Trichlorofluoromethane	1.92	101	223590	50.260	ug/l	100
8) Diethyl Ether	2.17	74	85041	48.820	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	105213	49.923	ug/l	99
10) Methyl Iodide	2.49	142	82504	29.883	ug/l	97
11) Tert butyl alcohol	3.01	59	129916	237.721	ug/l	99
12) 1,1-Dichloroethene	2.35	96	110205	50.262	ug/l	99
13) Acrolein	2.28	56	33329	166.539	ug/l	98
14) Allyl chloride	2.71	41	132543	46.728	ug/l	100
15) Acrylonitrile	3.11	53	255599	241.860	ug/l	100
16) Acetone	2.42	43	217604	236.760	ug/l	100
17) Carbon Disulfide	2.55	76	288585	45.637	ug/l	99
18) Methyl Acetate	2.75	43	121240	53.159	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	351602	50.624	ug/l	99
20) Methylene Chloride	2.84	84	126733	49.530	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	125716	49.137	ug/l	98
22) Diisopropyl ether	3.82	45	280447	50.140	ug/l	97
23) Vinyl Acetate	3.78	43	1301716	245.095	ug/l	99
24) 1,1-Dichloroethane	3.67	63	204078	50.101	ug/l	99
25) 2-Butanone	4.64	43	350458	241.322	ug/l	100
26) 2,2-Dichloropropane	4.55	77	136884	36.396	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	146483	50.449	ug/l	95
28) Bromochloromethane	4.98	49	86719	50.137	ug/l	98
29) Tetrahydrofuran	5.09	42	203171	234.067	ug/l	99
30) Chloroform	5.18	83	227740	51.498	ug/l	97
31) Cyclohexane	5.55	56	156168	49.422	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	204942	51.097	ug/l	99
36) 1,1-Dichloropropene	5.77	75	165106	48.113	ug/l	100
37) Ethyl Acetate	4.79	43	140357	47.921	ug/l	100
38) Carbon Tetrachloride	5.76	117	176586	49.026	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	180869	47.045	ug/l	98
40) Benzene	6.12	78	502788	49.749	ug/l	99
41) Methacrylonitrile	5.00	41	73738	46.868	ug/l	98
42) 1,2-Dichloroethane	6.16	62	174121	50.484	ug/l	99
43) Isopropyl Acetate	6.41	43	240114	48.406	ug/l	99
44) Trichloroethene	7.19	130	144832	49.140	ug/l	94
45) 1,2-Dichloropropane	7.49	63	120619	49.755	ug/l	100
46) Dibromomethane	7.63	93	92587	50.144	ug/l	99
47) Bromodichloromethane	7.88	83	185096	51.128	ug/l	100
48) Methyl methacrylate	7.74	41	114021	46.651	ug/l	99
49) 1,4-Dioxane	7.73	88	51193	927.006	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	716322	245.066	ug/l	100
52) Toluene	8.76	92	337821	50.608	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	191922	46.945	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	204135	47.285	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	134211	49.320	ug/l	99
56) Ethyl methacrylate	9.16	69	198697	50.753	ug/l	99
57) 1,3-Dichloropropane	9.35	76	218416	50.568	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	504612	245.363	ug/l	99
59) 2-Hexanone	9.47	43	535286	245.742	ug/l	100
60) Dibromochloromethane	9.57	129	151859	51.201	ug/l	98
61) 1,2-Dibromoethane	9.65	107	147524	50.669	ug/l	99
64) Tetrachloroethene	9.32	164	133398	48.499	ug/l	92
65) Chlorobenzene	10.12	112	367465	48.492	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	136675	50.730	ug/l	100
67) Ethyl Benzene	10.24	91	649621	49.733	ug/l	98
68) m/p-Xylenes	10.34	106	504319	100.790	ug/l	99
69) o-Xylene	10.68	106	237330	49.559	ug/l	99
70) Styrene	10.69	104	403767	49.661	ug/l	99
71) Bromoform	10.84	173	107471	49.414	ug/l #	97
73) Isopropylbenzene	11.00	105	640353	46.420	ug/l	99
74) N-amyl acetate	10.88	43	210181	47.555	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	195936	47.148	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	174704m	45.582	ug/l	
77) Bromobenzene	11.24	156	164856	47.320	ug/l	98
78) n-propylbenzene	11.34	91	722456	46.219	ug/l	100
79) 2-Chlorotoluene	11.40	91	419671	46.022	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	536933	47.134	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	59221	39.367	ug/l	99
82) 4-Chlorotoluene	11.49	91	504282	46.476	ug/l	100
83) tert-Butylbenzene	11.76	119	514162	45.818	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	544225	47.711	ug/l	100
85) sec-Butylbenzene	11.93	105	624550	45.992	ug/l	100
86) p-Isopropyltoluene	12.05	119	577697	46.559	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	293465	45.920	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	304658	46.453	ug/l	98
89) n-Butylbenzene	12.37	91	510306	44.931	ug/l	100
90) Hexachloroethane	12.58	117	92690	48.796	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	289181	48.532	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	43477	45.945	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	198704	45.581	ug/l	97
94) Hexachlorobutadiene	13.76	225	78564	38.873	ug/l	96
95) Naphthalene	13.82	128	663851	48.399	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	191424	45.112	ug/l	99

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

