

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102120\
 Data File : VX019010.D
 Acq On : 21 Oct 2020 19:30
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 10/22/2020 1:22:00 PM

Quant Time: Oct 22 01:51:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102120W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 22 01:25:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	269216	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	445247	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	413796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	204946	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	315712	85.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	170.84%	
35) Dibromofluoromethane	5.46	113	283166	93.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.44%	
50) Toluene-d8	8.70	98	1064787	95.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	191.74%	
62) 4-Bromofluorobenzene	11.12	95	384335	88.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	176.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	277404	108.306	ug/l	99
3) Chloromethane	1.31	50	268068	90.940	ug/l	99
4) Vinyl Chloride	1.39	62	317316	100.096	ug/l	99
5) Bromomethane	1.64	94	277123	130.230	ug/l	96
6) Chloroethane	1.71	64	174137	93.450	ug/l	100
7) Trichlorofluoromethane	1.92	101	528218	107.798	ug/l	100
8) Diethyl Ether	2.17	74	205514	116.897	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	251295	98.033	ug/l	99
10) Methyl Iodide	2.49	142	376713	132.979	ug/l	100
11) Tert butyl alcohol	3.03	59	331543m	504.732	ug/l	
12) 1,1-Dichloroethene	2.36	96	259098	99.698	ug/l	97
13) Acrolein	2.28	56	123972	323.554	ug/l	100
14) Allyl chloride	2.71	41	338942	70.983	ug/l	99
15) Acrylonitrile	3.12	53	637365	419.596	ug/l	99
16) Acetone	2.43	43	534678	382.921	ug/l	97
17) Carbon Disulfide	2.55	76	734463	95.333	ug/l	99
18) Methyl Acetate	2.75	43	275682	79.627	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	848644	94.560	ug/l	100
20) Methylene Chloride	2.84	84	301573	94.315	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	301685	99.389	ug/l	99
22) Diisopropyl ether	3.82	45	681321	75.576	ug/l	100
23) Vinyl Acetate	3.79	43	3284671	409.010	ug/l	98
24) 1,1-Dichloroethane	3.67	63	491095	91.085	ug/l	100
25) 2-Butanone	4.64	43	884362	406.206	ug/l	99
26) 2,2-Dichloropropane	4.55	77	451410	90.432	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	354908	104.088	ug/l	98
28) Bromochloromethane	4.98	49	204521	82.656	ug/l	97
29) Tetrahydrofuran	5.09	42	520408	384.402	ug/l	99
30) Chloroform	5.18	83	544521	98.498	ug/l	96
31) Cyclohexane	5.55	56	378656	85.357	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	494715	95.960	ug/l	99
36) 1,1-Dichloropropene	5.77	75	405166	95.183	ug/l	99
37) Ethyl Acetate	4.79	43	352959	80.107	ug/l	99
38) Carbon Tetrachloride	5.76	117	426613	91.337	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	456978	95.555	ug/l	99
40) Benzene	6.12	78	1203119	97.763	ug/l	99
41) Methacrylonitrile	5.01	41	191614	78.506	ug/l	97
42) 1,2-Dichloroethane	6.16	62	410839	87.423	ug/l	100
43) Isopropyl Acetate	6.41	43	600589	81.804	ug/l	99
44) Trichloroethene	7.19	130	348239	97.786	ug/l	97
45) 1,2-Dichloropropane	7.49	63	288875	87.013	ug/l	99
46) Dibromomethane	7.63	93	222465	96.589	ug/l	99
47) Bromodichloromethane	7.88	83	441286	95.179	ug/l	99
48) Methyl methacrylate	7.74	41	284832	80.265	ug/l	99
49) 1,4-Dioxane	7.74	88	131268	2106.373	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1755464	402.431	ug/l	99
52) Toluene	8.77	92	800354	102.415	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	502825	95.538	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	527614	97.199	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	328363	101.850	ug/l	98
56) Ethyl methacrylate	9.16	69	488056	102.850	ug/l	100
57) 1,3-Dichloropropane	9.35	76	517803	96.177	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1236813	492.525	ug/l	99
59) 2-Hexanone	9.48	43	1282423	388.270	ug/l	99
60) Dibromochloromethane	9.57	129	376325	98.783	ug/l	99
61) 1,2-Dibromoethane	9.65	107	353921	103.178	ug/l	99
64) Tetrachloroethene	9.32	164	300788	93.210	ug/l	92
65) Chlorobenzene	10.12	112	883602	103.349	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	326728	96.544	ug/l	98
67) Ethyl Benzene	10.24	91	1532793	104.111	ug/l	99
68) m/p-Xylenes	10.34	106	1177341	209.823	ug/l	99
69) o-Xylene	10.68	106	579141	109.093	ug/l	98
70) Styrene	10.70	104	993583	109.141	ug/l	100
71) Bromoform	10.84	173	284027	100.966	ug/l #	100
73) Isopropylbenzene	11.00	105	1550036	111.718	ug/l	98
74) N-amyl acetate	10.88	43	488094	82.473	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	455869	100.458	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	409104m	95.595	ug/l	
77) Bromobenzene	11.24	156	387525	102.417	ug/l	98
78) n-propylbenzene	11.35	91	1735629	107.665	ug/l	99
79) 2-Chlorotoluene	11.40	91	995480	102.535	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	1281773	108.794	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	169623	101.464	ug/l	97
82) 4-Chlorotoluene	11.49	91	1185152	102.725	ug/l	99
83) tert-Butylbenzene	11.76	119	1263410	110.034	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1277069	107.871	ug/l	100
85) sec-Butylbenzene	11.93	105	1528665	112.411	ug/l	100
86) p-Isopropyltoluene	12.05	119	1389398	111.650	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	702903	103.543	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	700109	101.583	ug/l	97
89) n-Butylbenzene	12.37	91	1238247	107.692	ug/l	99
90) Hexachloroethane	12.58	117	223715	92.598	ug/l	95
91) 1,2-Dichlorobenzene	12.38	146	647319	101.437	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	106034	98.320	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	482516	108.017	ug/l	99
94) Hexachlorobutadiene	13.77	225	219144	115.591	ug/l	98
95) Naphthalene	13.82	128	1597276	118.216	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	466370	109.262	ug/l	98

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

