

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX121420\
 Data File : VX020002.D
 Acq On : 14 Dec 2020 21:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/15/2020 5:34:20 PM

Quant Time: Dec 15 02:19:21 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	259340	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	433730	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	404061	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	202081	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	166993	48.99	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.98%
35) Dibromofluoromethane	5.46	113	135457	48.32	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.64%
50) Toluene-d8	8.70	98	517499	48.36	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.72%
62) 4-Bromofluorobenzene	11.12	95	198981	48.85	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.70%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	113139	47.650	ug/l 99
3) Chloromethane	1.31	50	123762	44.321	ug/l 100
4) Vinyl Chloride	1.39	62	149363	50.729	ug/l 100
5) Bromomethane	1.62	94	37797	38.661	ug/l 98
6) Chloroethane	1.70	64	104042	58.824	ug/l 99
7) Trichlorofluoromethane	1.91	101	209405	51.069	ug/l 97
8) Diethyl Ether	2.17	74	90732	52.216	ug/l 95
9) 1,1,2-Trichlorotrifluoroet	2.36	101	126407	53.783	ug/l 100
10) Methyl Iodide	2.49	142	117381	33.883	ug/l 99
11) Tert butyl alcohol	3.01	59	201795	288.378	ug/l 99
12) 1,1-Dichloroethene	2.36	96	126180	53.104	ug/l 99
13) Acrolein	2.27	56	73474	195.289	ug/l 100
14) Allyl chloride	2.70	41	217828	54.280	ug/l 97
15) Acrylonitrile	3.11	53	451136	292.777	ug/l 100
16) Acetone	2.42	43	360099	281.071	ug/l 99
17) Carbon Disulfide	2.55	76	315922	46.337	ug/l 100
18) Methyl Acetate	2.75	43	199360	63.589	ug/l 99
19) Methyl tert-butyl Ether	3.17	73	486845	56.261	ug/l 100
20) Methylene Chloride	2.83	84	158208	54.211	ug/l 97
21) trans-1,2-Dichloroethene	3.14	96	147699	53.317	ug/l 99
22) Diisopropyl ether	3.82	45	466974	57.553	ug/l 92
23) Vinyl Acetate	3.78	43	2001087	289.484	ug/l 100
24) 1,1-Dichloroethane	3.67	63	267196	54.609	ug/l 99
25) 2-Butanone	4.63	43	580686	294.968	ug/l 100
26) 2,2-Dichloropropane	4.55	77	198166	47.030	ug/l 100
27) cis-1,2-Dichloroethene	4.56	96	192370	59.339	ug/l 99
28) Bromochloromethane	4.98	49	121367	52.034	ug/l 97
29) Tetrahydrofuran	5.09	42	372529	293.707	ug/l 98
30) Chloroform	5.17	83	275788	54.818	ug/l 100
31) Cyclohexane	5.54	56	221431	52.226	ug/l 99
32) 1,1,1-Trichloroethane	5.46	97	235224	54.292	ug/l 100
36) 1,1-Dichloropropene	5.76	75	195718	49.937	ug/l 100
37) Ethyl Acetate	4.79	43	220523	55.727	ug/l 99
38) Carbon Tetrachloride	5.75	117	198434	51.702	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	227564	49.419	ug/l	97
40) Benzene	6.11	78	619791	51.768	ug/l	99
41) Methacrylonitrile	5.00	41	123538	56.859	ug/l	98
42) 1,2-Dichloroethane	6.16	62	215732	52.739	ug/l	100
43) Isopropyl Acetate	6.41	43	354442	55.092	ug/l	99
44) Trichloroethene	7.18	130	155862	49.617	ug/l	94
45) 1,2-Dichloropropane	7.49	63	160821	53.746	ug/l	97
46) Dibromomethane	7.63	93	107047	52.976	ug/l	99
47) Bromodichloromethane	7.87	83	217499	54.243	ug/l	98
48) Methyl methacrylate	7.74	41	176778	55.869	ug/l	97
49) 1,4-Dioxane	7.71	88	79519	1037.430	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1137924	289.700	ug/l	100
52) Toluene	8.76	92	389612	52.031	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	236492	53.150	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	256849	53.134	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	162435	53.830	ug/l	100
56) Ethyl methacrylate	9.16	69	255980	56.069	ug/l	99
57) 1,3-Dichloropropane	9.35	76	274924	53.357	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	680777	281.475	ug/l	99
59) 2-Hexanone	9.47	43	872921	286.704	ug/l	99
60) Dibromochloromethane	9.56	129	167369	54.592	ug/l	99
61) 1,2-Dibromoethane	9.65	107	168245	52.506	ug/l	100
64) Tetrachloroethene	9.32	164	126952	46.851	ug/l	95
65) Chlorobenzene	10.12	112	407002	50.559	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	154867	53.450	ug/l	99
67) Ethyl Benzene	10.23	91	744209	52.082	ug/l	99
68) m/p-Xylenes	10.34	106	559668	103.943	ug/l	99
69) o-Xylene	10.68	106	268701	51.878	ug/l	99
70) Styrene	10.70	104	465376	53.232	ug/l	99
71) Bromoform	10.84	173	128658	56.445	ug/l #	100
73) Isopropylbenzene	11.00	105	728235	52.747	ug/l	100
74) N-amyl acetate	10.88	43	316232	57.157	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	273382	56.165	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	249118m	54.965	ug/l	
77) Bromobenzene	11.24	156	180178	50.997	ug/l	97
78) n-propylbenzene	11.34	91	837097	53.086	ug/l	99
79) 2-Chlorotoluene	11.40	91	510998	52.623	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	616187	52.883	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	83782	53.438	ug/l	98
82) 4-Chlorotoluene	11.49	91	597234	52.514	ug/l	98
83) tert-Butylbenzene	11.76	119	615668	53.875	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	627243	53.441	ug/l	100
85) sec-Butylbenzene	11.93	105	701427	53.761	ug/l	100
86) p-Isopropyltoluene	12.05	119	640272	53.546	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	325945	50.264	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	332797	50.388	ug/l	99
89) n-Butylbenzene	12.37	91	557893	52.662	ug/l	100
90) Hexachloroethane	12.58	117	113925	55.186	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	335679	53.102	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	60549	57.865	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	219909	53.442	ug/l	100
94) Hexachlorobutadiene	13.76	225	97715	53.130	ug/l	99
95) Naphthalene	13.82	128	752245	56.388	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	218272	54.277	ug/l	99

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

