

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112120\
 Data File : VX019492.D
 Acq On : 20 Nov 2020 11:17
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 11/23/2020 3:50:37 PM

Quant Time: Nov 21 01:52:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:38:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	284312	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	460825	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	405302	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	210707	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	357971	97.11	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	194.22%#
35) Dibromofluoromethane	5.46	113	296777	102.60	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	205.20%#
50) Toluene-d8	8.70	98	1113148	99.03	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	198.06%#
62) 4-Bromofluorobenzene	11.12	95	417762	103.30	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	206.60%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	289364	104.660	ug/l	99
3) Chloromethane	1.31	50	315637	99.486	ug/l	99
4) Vinyl Chloride	1.39	62	352339	103.165	ug/l	100
5) Bromomethane	1.62	94	130105	100.575	ug/l	99
6) Chloroethane	1.69	64	78524	83.100	ug/l	98
7) Trichlorofluoromethane	1.89	101	499802	101.393	ug/l	100
8) Diethyl Ether	2.17	74	203815	103.241	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	283656	103.145	ug/l	99
10) Methyl Iodide	2.48	142	393037	108.790	ug/l	99
11) Tert butyl alcohol	3.06	59	341770	489.892	ug/l	99
12) 1,1-Dichloroethene	2.34	96	285409	101.115	ug/l	97
13) Acrolein	2.28	56	226883	483.809	ug/l	98
14) Allyl chloride	2.70	41	455174	102.937	ug/l	99
15) Acrylonitrile	3.12	53	854028	519.076	ug/l	99
16) Acetone	2.43	43	696492	488.569	ug/l	100
17) Carbon Disulfide	2.54	76	788098	103.930	ug/l	99
18) Methyl Acetate	2.75	43	349864	95.141	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	1024956	105.198	ug/l	100
20) Methylene Chloride	2.83	84	342098	96.012	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	329896	103.156	ug/l	99
22) Diisopropyl ether	3.83	45	951078	103.971	ug/l	92
23) Vinyl Acetate	3.79	43	4136228	539.078	ug/l	100
24) 1,1-Dichloroethane	3.67	63	573340	102.472	ug/l	99
25) 2-Butanone	4.64	43	1085241	506.770	ug/l	100
26) 2,2-Dichloropropane	4.54	77	507737	103.966	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	380237	103.508	ug/l	100
28) Bromochloromethane	4.98	49	247598	92.560	ug/l	99
29) Tetrahydrofuran	5.09	42	691529	506.106	ug/l	100
30) Chloroform	5.18	83	601507	102.813	ug/l	99
31) Cyclohexane	5.54	56	501700	104.640	ug/l	100
32) 1,1,1-Trichloroethane	5.46	97	527595	104.982	ug/l	99
36) 1,1-Dichloropropene	5.76	75	451703	104.555	ug/l	99
37) Ethyl Acetate	4.80	43	426411	105.136	ug/l	99
38) Carbon Tetrachloride	5.75	117	458476	109.639	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	550674	109.472	ug/l	99
40) Benzene	6.11	78	1372962	103.433	ug/l	99
41) Methacrylonitrile	5.01	41	228641	102.229	ug/l	99
42) 1,2-Dichloroethane	6.16	62	466109	102.448	ug/l	100
43) Isopropyl Acetate	6.42	43	702624	103.057	ug/l	100
44) Trichloroethene	7.18	130	363822	104.638	ug/l	96
45) 1,2-Dichloropropane	7.49	63	341258	104.431	ug/l	99
46) Dibromomethane	7.63	93	236311	105.658	ug/l	98
47) Bromodichloromethane	7.87	83	476057	109.692	ug/l	99
48) Methyl methacrylate	7.74	41	345572	108.229	ug/l	100
49) 1,4-Dioxane	7.72	88	155063	2138.875	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	2064495	519.280	ug/l	99
52) Toluene	8.76	92	852475	104.980	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	525440	112.104	ug/l	99
54) cis-1,3-Dichloropropene	8.41	75	576331	110.800	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	340444	102.943	ug/l	98
56) Ethyl methacrylate	9.16	69	520652	111.260	ug/l	99
57) 1,3-Dichloropropane	9.35	76	574795	103.813	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	1389588	506.773	ug/l	99
59) 2-Hexanone	9.48	43	1594107	528.682	ug/l	99
60) Dibromochloromethane	9.57	129	361627	111.637	ug/l	99
61) 1,2-Dibromoethane	9.65	107	355574	104.307	ug/l	99
64) Tetrachloroethene	9.32	164	319689	100.345	ug/l	97
65) Chlorobenzene	10.12	112	886360	106.366	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	336343	110.965	ug/l	98
67) Ethyl Benzene	10.24	91	1588793	108.834	ug/l	96
68) m/p-Xylenes	10.34	106	1207200	221.961	ug/l	99
69) o-Xylene	10.68	106	574972	110.591	ug/l	100
70) Styrene	10.70	104	1007233	116.709	ug/l	100
71) Bromoform	10.84	173	266076	120.048	ug/l #	99
73) Isopropylbenzene	11.00	105	1554470	106.644	ug/l	99
74) N-amyl acetate	10.88	43	615778	112.740	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	530504	101.773	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	463236m	100.740	ug/l	
77) Bromobenzene	11.24	156	390327	104.897	ug/l	98
78) n-propylbenzene	11.34	91	1814632	108.519	ug/l	100
79) 2-Chlorotoluene	11.40	91	1073294	105.835	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	1347731	110.220	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	181244	115.943	ug/l	97
82) 4-Chlorotoluene	11.49	91	1282154	107.399	ug/l	99
83) tert-Butylbenzene	11.76	119	1303315	110.173	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1365333	110.356	ug/l	99
85) sec-Butylbenzene	11.93	105	1548419	110.025	ug/l	100
86) p-Isopropyltoluene	12.05	119	1432861	112.139	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	720773	105.473	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	722856	102.691	ug/l	99
89) n-Butylbenzene	12.37	91	1317331	114.040	ug/l	99
90) Hexachloroethane	12.58	117	249251	116.575	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	721548	105.127	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	117343	110.345	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	510105	115.761	ug/l	98
94) Hexachlorobutadiene	13.76	225	217291	108.247	ug/l	96
95) Naphthalene	13.82	128	1616165	118.473	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	494395	112.167	ug/l	100

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

