

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091321\
 Data File : VX024181.D
 Acq On : 13 Sep 2021 11:30
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/14/2021 10:47:21 AM

Quant Time: Sep 13 12:08:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091321W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 13 12:04:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	202968	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	322748	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	307106	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	149480	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	299518	108.392	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 216.780%#			
35) Dibromofluoromethane	5.397	113	230743	110.516	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 221.040%#			
50) Toluene-d8	8.653	98	860110	108.931	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 217.860%#			
62) 4-Bromofluorobenzene	11.085	95	344293	117.795	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 235.580%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	194147	95.305	ug/l	99
3) Chloromethane	1.294	50	186179	84.014	ug/l	99
4) Vinyl Chloride	1.374	62	193124	89.142	ug/l	98
5) Bromomethane	1.599	94	103078	76.893	ug/l	100
6) Chloroethane	1.672	64	125254	84.550	ug/l	99
7) Trichlorofluoromethane	1.880	101	327921	94.634	ug/l	98
8) Diethyl Ether	2.142	74	114123	94.535	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.325	101	193914	98.924	ug/l	95
10) Methyl Iodide	2.453	142	280860	103.991	ug/l	92
11) Tert butyl alcohol	2.995	59	318785	559.535	ug/l	99
12) 1,1-Dichloroethene	2.312	96	184868	98.600	ug/l	91
13) Acrolein	2.245	56	121915	387.540	ug/l	97
14) Allyl chloride	2.666	41	339810	98.422	ug/l	92
15) Acrylonitrile	3.074	53	610695	495.667	ug/l	97
16) Acetone	2.392	43	585180	474.118	ug/l	90
17) Carbon Disulfide	2.507	76	436901	98.886	ug/l	100
18) Methyl Acetate	2.715	43	338578	108.359	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	712305	107.857	ug/l	100
20) Methylene Chloride	2.794	84	216441	92.743	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	198019	98.745	ug/l	96
22) Diisopropyl ether	3.776	45	687512	100.166	ug/l	92
23) Vinyl Acetate	3.733	43	2751910	497.420	ug/l	96
24) 1,1-Dichloroethane	3.617	63	388110	100.972	ug/l	98
25) 2-Butanone	4.574	43	928891	502.862	ug/l	94
26) 2,2-Dichloropropane	4.483	77	352573	110.059	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	240682	100.933	ug/l	96
28) Bromochloromethane	4.910	49	161968	94.136	ug/l	99
29) Tetrahydrofuran	5.019	42	592365	495.699	ug/l	91
30) Chloroform	5.105	83	421705	103.045	ug/l	99
31) Cyclohexane	5.476	56	333168	96.792	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	386636	109.913	ug/l	100
36) 1,1-Dichloropropene	5.702	75	294922	102.483	ug/l	100
37) Ethyl Acetate	4.727	43	345921	97.315	ug/l	95
38) Carbon Tetrachloride	5.684	117	342412	112.418	ug/l	98
39) Methylcyclohexane	7.385	83	361326	103.748	ug/l	97
40) Benzene	6.050	78	846982	99.427	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	194378	101.188	ug/l	93
42) 1,2-Dichloroethane	6.098	62	350548	103.590	ug/l	94
43) Isopropyl Acetate	6.354	43	571950	102.867	ug/l	94
44) Trichloroethene	7.129	130	237789	100.734	ug/l	96
45) 1,2-Dichloropropane	7.440	63	226623	100.305	ug/l	99
46) Dibromomethane	7.586	93	163427	102.934	ug/l	99
47) Bromodichloromethane	7.830	83	327188	113.485	ug/l	100
48) Methyl methacrylate	7.702	41	283697	104.973	ug/l	89
49) 1,4-Dioxane	7.665	88	124588	2141.849	ug/l	98
51) 4-Methyl-2-Pentanone	8.586	43	1852929	517.898	ug/l	93
52) Toluene	8.726	92	570723	103.496	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	384338	117.306	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	386344	111.091	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	241835	105.536	ug/l	100
56) Ethyl methacrylate	9.122	69	403266	113.365	ug/l #	87
57) 1,3-Dichloropropane	9.311	76	390898	103.474	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	982267	525.787	ug/l	99
59) 2-Hexanone	9.439	43	1408200	510.365	ug/l	90
60) Dibromochloromethane	9.525	129	276092	124.402	ug/l	100
61) 1,2-Dibromoethane	9.616	107	265293	110.079	ug/l	100
64) Tetrachloroethene	9.281	164	230275	96.937	ug/l	95
65) Chlorobenzene	10.085	112	643132	103.850	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	254628	114.696	ug/l	99
67) Ethyl Benzene	10.195	91	1152830	106.680	ug/l	99
68) m/p-Xylenes	10.305	106	898799	218.382	ug/l	100
69) o-Xylene	10.646	106	446901	110.217	ug/l	99
70) Styrene	10.658	104	745548	112.829	ug/l	97
71) Bromoform	10.805	173	204042	128.358	ug/l	100
73) Isopropylbenzene	10.969	105	1178285	107.377	ug/l	99
74) N-amyl acetate	10.847	43	487439	98.422	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.219	83	353201	97.099	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	326540m	96.338	ug/l	
77) Bromobenzene	11.201	156	290953	106.907	ug/l	94
78) n-propylbenzene	11.311	91	1350759	107.951	ug/l	99
79) 2-Chlorotoluene	11.366	91	808240	106.318	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	991745	109.862	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	128299	111.935	ug/l	97
82) 4-Chlorotoluene	11.457	91	929461	107.913	ug/l	100
83) tert-Butylbenzene	11.719	119	981368	111.540	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	976457	108.160	ug/l	99
85) sec-Butylbenzene	11.896	105	1228214	111.126	ug/l	99
86) p-Isopropyltoluene	12.012	119	1031188	113.159	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	520553	105.601	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	518052	105.616	ug/l	99
89) n-Butylbenzene	12.335	91	892650	110.396	ug/l	98
90) Hexachloroethane	12.542	117	174725	123.955	ug/l	97
91) 1,2-Dichlorobenzene	12.341	146	498457	104.126	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	91297	121.242	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	327689	114.399	ug/l	99
94) Hexachlorobutadiene	13.725	225	147165	113.670	ug/l	99
95) Naphthalene	13.780	128	1121883	119.961	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	334584	117.271	ug/l	99

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

