

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024199.D
 Acq On : 14 Sep 2021 11:00
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 9/15/2021 5:54:12 PM

Quant Time: Sep 14 11:33:28 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 11:30:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	219865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	347818	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	330017	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	165884	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	150716	47.832	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.660%		
35) Dibromofluoromethane	5.397	113	114745	47.646	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.300%		
50) Toluene-d8	8.653	98	418360	47.948	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.900%		
62) 4-Bromofluorobenzene	11.085	95	167568	49.581	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.160%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	105639	49.593	ug/l	99
3) Chloromethane	1.295	50	109457	49.700	ug/l	99
4) Vinyl Chloride	1.380	62	109166	50.820	ug/l	98
5) Bromomethane	1.599	94	63346	50.545	ug/l	97
6) Chloroethane	1.679	64	70791	49.489	ug/l	98
7) Trichlorofluoromethane	1.886	101	187484	51.023	ug/l	97
8) Diethyl Ether	2.142	74	65222	50.977	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	108890	50.176	ug/l	95
10) Methyl Iodide	2.453	142	165289	58.087	ug/l	91
11) Tert butyl alcohol	2.983	59	176037	246.187	ug/l	99
12) 1,1-Dichloroethene	2.319	96	103937	50.604	ug/l	92
13) Acrolein	2.246	56	50399	206.251	ug/l	96
14) Allyl chloride	2.666	41	192262	52.092	ug/l	91
15) Acrylonitrile	3.075	53	334323	257.962	ug/l	98
16) Acetone	2.392	43	329450	240.815	ug/l	90
17) Carbon Disulfide	2.514	76	263227	53.421	ug/l	99
18) Methyl Acetate	2.715	43	213530	59.178	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	392735	51.458	ug/l	100
20) Methylene Chloride	2.794	84	121320	45.792	ug/l	92
21) trans-1,2-Dichloroethene	3.099	96	113381	51.702	ug/l	96
22) Diisopropyl ether	3.776	45	384717	52.330	ug/l	94
23) Vinyl Acetate	3.733	43	1587442	271.030	ug/l	95
24) 1,1-Dichloroethane	3.617	63	218374	52.032	ug/l	97
25) 2-Butanone	4.568	43	506609	255.255	ug/l	93
26) 2,2-Dichloropropane	4.489	77	195068	51.641	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	136591	51.799	ug/l	96
28) Bromochloromethane	4.910	49	80530	44.708	ug/l	98
29) Tetrahydrofuran	5.019	42	326011	260.795	ug/l	90
30) Chloroform	5.105	83	236283	51.837	ug/l	98
31) Cyclohexane	5.477	56	189847	52.947	ug/l	98
32) 1,1,1-Trichloroethane	5.397	97	215462	52.269	ug/l	99
36) 1,1-Dichloropropene	5.702	75	166505	50.481	ug/l	99
37) Ethyl Acetate	4.733	43	190714	51.158	ug/l	95
38) Carbon Tetrachloride	5.684	117	188354	52.332	ug/l	99
39) Methylcyclohexane	7.385	83	203939	52.373	ug/l	99
40) Benzene	6.050	78	484162	52.107	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	106842	53.632	ug/l	91
42) 1,2-Dichloroethane	6.099	62	201417	52.551	ug/l	94
43) Isopropyl Acetate	6.349	43	313796	51.754	ug/l	93
44) Trichloroethene	7.135	130	133050	50.802	ug/l	100
45) 1,2-Dichloropropane	7.440	63	126192	52.176	ug/l	99
46) Dibromomethane	7.586	93	92748	52.184	ug/l	98
47) Bromodichloromethane	7.830	83	178842	53.209	ug/l	100
48) Methyl methacrylate	7.702	41	156883	54.308	ug/l	87
49) 1,4-Dioxane	7.665	88	67663	1040.890	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	1035384	270.480	ug/l	92
52) Toluene	8.726	92	318854	52.894	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	204848	53.641	ug/l	100
54) cis-1,3-Dichloropropene	8.373	75	212525	53.732	ug/l #	92
55) 1,1,2-Trichloroethane	9.159	97	132883	51.650	ug/l	98
56) Ethyl methacrylate	9.122	69	214713	53.863	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	217599	51.769	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	491531	260.388	ug/l	99
59) 2-Hexanone	9.433	43	818742	273.706	ug/l	88
60) Dibromochloromethane	9.525	129	144958	54.902	ug/l	100
61) 1,2-Dibromoethane	9.616	107	142743	52.728	ug/l	100
64) Tetrachloroethene	9.281	164	134033	51.750	ug/l	97
65) Chlorobenzene	10.086	112	352939	51.795	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	134994	50.987	ug/l	100
67) Ethyl Benzene	10.195	91	635545	52.588	ug/l	100
68) m/p-Xylenes	10.305	106	494634	106.694	ug/l	99
69) o-Xylene	10.647	106	244071	52.629	ug/l	98
70) Styrene	10.659	104	409568	55.055	ug/l	98
71) Bromoform	10.805	173	108735	54.610	ug/l #	99
73) Isopropylbenzene	10.964	105	645902	52.013	ug/l	100
74) N-amyl acetate	10.848	43	287854	54.104	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.214	83	200809	50.109	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	195750m	51.343	ug/l	
77) Bromobenzene	11.201	156	162459	50.819	ug/l	96
78) n-propylbenzene	11.311	91	746012	52.984	ug/l	99
79) 2-Chlorotoluene	11.366	91	459472	52.193	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	554820	52.766	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.025	75	69993	53.923	ug/l	91
82) 4-Chlorotoluene	11.457	91	523768	52.183	ug/l	99
83) tert-Butylbenzene	11.720	119	532459	51.906	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	550380	52.468	ug/l	99
85) sec-Butylbenzene	11.896	105	684948	53.338	ug/l	99
86) p-Isopropyltoluene	12.012	119	577349	53.424	ug/l	97
87) 1,3-Dichlorobenzene	11.976	146	290909	50.942	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	288651	50.655	ug/l	98
89) n-Butylbenzene	12.335	91	496756	53.634	ug/l	98
90) Hexachloroethane	12.543	117	93229	54.060	ug/l	98
91) 1,2-Dichlorobenzene	12.341	146	281003	50.251	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	47977	52.324	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	174716	52.622	ug/l	98
94) Hexachlorobutadiene	13.725	225	80456	50.530	ug/l	99
95) Naphthalene	13.780	128	592649	55.211	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	177503	53.698	ug/l	99

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

