

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092221\
 Data File : VX024448.D
 Acq On : 22 Sep 2021 20:36
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/23/2021 11:36:51 AM

Quant Time: Sep 23 06:42:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 21 10:52:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	177198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	241727	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	241178	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	129902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	117110	46.347	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.700%
35) Dibromofluoromethane	5.397	113	92938	57.329	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	114.660%
50) Toluene-d8	8.653	98	305397	51.712	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.420%
62) 4-Bromofluorobenzene	11.085	95	126922	55.224	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	110.440%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	77451	45.470	ug/l	100
3) Chloromethane	1.294	50	81186	45.642	ug/l	98
4) Vinyl Chloride	1.374	62	83169	46.981	ug/l	99
5) Bromomethane	1.599	94	44164	41.907	ug/l	99
6) Chloroethane	1.672	64	46699	39.938	ug/l	97
7) Trichlorofluoromethane	1.880	101	129718	43.683	ug/l	98
8) Diethyl Ether	2.142	74	45070	43.863	ug/l	87
9) 1,1,2-Trichlorotrifluo...	2.325	101	80274	46.015	ug/l	97
10) Methyl Iodide	2.453	142	106336	44.059	ug/l	92
11) Tert butyl alcohol	2.989	59	145160	274.253	ug/l	100
12) 1,1-Dichloroethene	2.319	96	74423	45.551	ug/l	96
13) Acrolein	2.245	56	39080	234.663	ug/l	95
14) Allyl chloride	2.666	41	153845	51.812	ug/l	95
15) Acrylonitrile	3.075	53	286417	277.134	ug/l	98
16) Acetone	2.392	43	239337	222.142	ug/l	90
17) Carbon Disulfide	2.508	76	154506	37.735	ug/l	98
18) Methyl Acetate	2.715	43	183502	54.326	ug/l	94
19) Methyl tert-butyl Ether	3.123	73	325262	54.170	ug/l	98
20) Methylene Chloride	2.794	84	98743	47.727	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	89217	49.879	ug/l	93
22) Diisopropyl ether	3.776	45	322129	55.236	ug/l	92
23) Vinyl Acetate	3.733	43	1285413	271.458	ug/l	95
24) 1,1-Dichloroethane	3.617	63	179941	52.582	ug/l	98
25) 2-Butanone	4.574	43	415087	261.573	ug/l	95
26) 2,2-Dichloropropane	4.483	77	136535	45.553	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	110084	53.291	ug/l	98
28) Bromochloromethane	4.910	49	64063	45.945	ug/l	95
29) Tetrahydrofuran	5.019	42	268630	270.456	ug/l	91
30) Chloroform	5.105	83	191438	52.606	ug/l	99
31) Cyclohexane	5.477	56	147654	49.957	ug/l	97
32) 1,1,1-Trichloroethane	5.397	97	170354	52.305	ug/l	100
36) 1,1-Dichloropropene	5.702	75	132078	59.429	ug/l	99
37) Ethyl Acetate	4.727	43	158311	61.133	ug/l	95
38) Carbon Tetrachloride	5.684	117	146900	58.727	ug/l	99
39) Methylcyclohexane	7.385	83	132920	50.094	ug/l	98
40) Benzene	6.044	78	394211	61.845	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	85509	61.918	ug/l	94
42) 1,2-Dichloroethane	6.098	62	156126	58.738	ug/l	96
43) Isopropyl Acetate	6.355	43	248226	60.216	ug/l	94
44) Trichloroethene	7.135	130	93225	52.053	ug/l	96
45) 1,2-Dichloropropane	7.440	63	90133	53.575	ug/l	99
46) Dibromomethane	7.586	93	64808	52.626	ug/l	99
47) Bromodichloromethane	7.830	83	125979	55.016	ug/l	99
48) Methyl methacrylate	7.702	41	113274	55.073	ug/l	87
49) 1,4-Dioxane	7.665	88	48170	1118.490	ug/l #	95
51) 4-Methyl-2-Pentanone	8.580	43	782270	297.801	ug/l	91
52) Toluene	8.726	92	230216	55.105	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	143980	55.444	ug/l	97
54) cis-1,3-Dichloropropene	8.372	75	146958	54.686	ug/l #	91
55) 1,1,2-Trichloroethane	9.159	97	98367	55.287	ug/l	99
56) Ethyl methacrylate	9.122	69	157080	52.810	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	165128	56.988	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	347519	269.900	ug/l	98
59) 2-Hexanone	9.433	43	621934	303.855	ug/l	88
60) Dibromochloromethane	9.525	129	102831	50.930	ug/l	99
61) 1,2-Dibromoethane	9.616	107	104453	55.096	ug/l	100
64) Tetrachloroethene	9.281	164	98117	52.515	ug/l	97
65) Chlorobenzene	10.086	112	258533	52.105	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	100264	54.523	ug/l	99
67) Ethyl Benzene	10.195	91	466639	53.761	ug/l	98
68) m/p-Xylenes	10.305	106	365127	109.877	ug/l	98
69) o-Xylene	10.646	106	181713	54.780	ug/l	97
70) Styrene	10.659	104	309137	57.448	ug/l	96
71) Bromoform	10.805	173	77787	50.679	ug/l	99
73) Isopropylbenzene	10.963	105	489456	50.598	ug/l	100
74) N-amyl acetate	10.848	43	213401	52.404	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	158699	50.710	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	147370m	49.338	ug/l	
77) Bromobenzene	11.201	156	123561	50.824	ug/l	95
78) n-propylbenzene	11.305	91	567637	51.943	ug/l	99
79) 2-Chlorotoluene	11.366	91	351534	51.788	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	425346	52.164	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	48956	48.203	ug/l	92
82) 4-Chlorotoluene	11.457	91	402078	52.061	ug/l	100
83) tert-Butylbenzene	11.719	119	409937	52.088	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	421605	52.562	ug/l	99
85) sec-Butylbenzene	11.896	105	527666	53.513	ug/l	100
86) p-Isopropyltoluene	12.012	119	441740	53.370	ug/l	98
87) 1,3-Dichlorobenzene	11.975	146	229125	52.615	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	228162	51.330	ug/l	99
89) n-Butylbenzene	12.335	91	377845	52.760	ug/l	98
90) Hexachloroethane	12.542	117	68653	51.482	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	218753	51.203	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	35907	50.011	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	132608	52.672	ug/l	99
94) Hexachlorobutadiene	13.725	225	65223	51.879	ug/l	99
95) Naphthalene	13.780	128	494866	53.220	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	147558	58.147	ug/l	99

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

