

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090721\
 Data File : VX024123.D
 Acq On : 07 Sep 2021 17:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/8/2021 7:12:50 PM

Quant Time: Sep 08 13:28:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 17 11:57:51 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	170828	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	271279	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	259622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	131583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	122889	51.543	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.080%			
35) Dibromofluoromethane	5.397	113	93059	51.828	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.660%			
50) Toluene-d8	8.653	98	327531	47.928	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.860%			
62) 4-Bromofluorobenzene	11.085	95	135785	53.974	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.940%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.172	85	94885	52.645	ug/l	99
3) Chloromethane	1.294	50	92258	46.629	ug/l	99
4) Vinyl Chloride	1.374	62	92361	47.863	ug/l	98
5) Bromomethane	1.599	94	58533	48.245	ug/l	98
6) Chloroethane	1.678	64	59945	42.046	ug/l	97
7) Trichlorofluoromethane	1.880	101	154104	50.571	ug/l	98
8) Diethyl Ether	2.142	74	53591	50.359	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.325	101	85011	49.577	ug/l	94
10) Methyl Iodide	2.453	142	118892	49.796	ug/l	91
11) Tert butyl alcohol	2.983	59	128058	265.590	ug/l	98
12) 1,1-Dichloroethene	2.318	96	83843	51.141	ug/l	94
13) Acrolein	2.245	56	70922	247.177	ug/l	95
14) Allyl chloride	2.666	41	150632	49.856	ug/l	91
15) Acrylonitrile	3.074	53	268726	250.138	ug/l	97
16) Acetone	2.392	43	253584	237.873	ug/l	88
17) Carbon Disulfide	2.514	76	200071	51.168	ug/l	99
18) Methyl Acetate	2.715	43	158972	59.735	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	316402	55.452	ug/l	99
20) Methylene Chloride	2.794	84	101210	49.703	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	92080	52.583	ug/l	94
22) Diisopropyl ether	3.769	45	313979	52.177	ug/l	91
23) Vinyl Acetate	3.733	43	1368316	281.093	ug/l	95
24) 1,1-Dichloroethane	3.617	63	174146	52.000	ug/l	97
25) 2-Butanone	4.568	43	401558	248.691	ug/l	94
26) 2,2-Dichloropropane	4.483	77	148647	54.080	ug/l	97
27) cis-1,2-Dichloroethene	4.501	96	109402	52.504	ug/l	96
28) Bromochloromethane	4.909	49	70301	46.167	ug/l	96
29) Tetrahydrofuran	5.019	42	261008	249.558	ug/l	90
30) Chloroform	5.105	83	188718	53.220	ug/l	98
31) Cyclohexane	5.476	56	148038	48.329	ug/l	97
32) 1,1,1-Trichloroethane	5.391	97	171143	56.364	ug/l	99
36) 1,1-Dichloropropene	5.702	75	133371	53.088	ug/l	98
37) Ethyl Acetate	4.727	43	152314	49.323	ug/l	94
38) Carbon Tetrachloride	5.684	117	147560	56.327	ug/l	99
39) Methylcyclohexane	7.385	83	160474	52.462	ug/l	98
40) Benzene	6.050	78	393938	53.030	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	86249	51.520	ug/l	91
42) 1,2-Dichloroethane	6.098	62	166930	57.176	ug/l	93
43) Isopropyl Acetate	6.354	43	254196	52.625	ug/l	93
44) Trichloroethene	7.129	130	109218	53.223	ug/l	99
45) 1,2-Dichloropropane	7.439	63	102777	52.102	ug/l	97
46) Dibromomethane	7.586	93	75392	54.921	ug/l	98
47) Bromodichloromethane	7.830	83	144699	58.267	ug/l	98
48) Methyl methacrylate	7.702	41	154141	65.414	ug/l	86
49) 1,4-Dioxane	7.665	88	50785	1019.755	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	835734	267.654	ug/l	91
52) Toluene	8.720	92	258726	53.748	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	165360	51.484	ug/l	100
54) cis-1,3-Dichloropropene	8.372	75	170530	56.671	ug/l #	90
55) 1,1,2-Trichloroethane	9.159	97	111959	56.494	ug/l	97
56) Ethyl methacrylate	9.122	69	137397	40.718	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	182562	55.542	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.250	63	401700	251.723	ug/l	98
59) 2-Hexanone	9.433	43	653185	272.144	ug/l	88
60) Dibromochloromethane	9.524	129	119683	54.524	ug/l	100
61) 1,2-Dibromoethane	9.616	107	119496	57.077	ug/l	99
64) Tetrachloroethene	9.281	164	108370	52.261	ug/l	96
65) Chlorobenzene	10.085	112	290912	53.698	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	111726	57.943	ug/l	100
67) Ethyl Benzene	10.195	91	520445	55.012	ug/l	99
68) m/p-Xylenes	10.305	106	394480	109.473	ug/l	98
69) o-Xylene	10.646	106	193522	54.650	ug/l	99
70) Styrene	10.658	104	292998	50.789	ug/l	96
71) Bromoform	10.805	173	86754	55.162	ug/l #	99
73) Isopropylbenzene	10.963	105	521389	51.949	ug/l	100
74) N-amyl acetate	10.847	43	230078	50.726	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.219	83	165995	50.466	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	160144m	52.173	ug/l	
77) Bromobenzene	11.201	156	133303	53.925	ug/l	95
78) n-propylbenzene	11.305	91	578352	50.382	ug/l	98
79) 2-Chlorotoluene	11.366	91	357300	51.497	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	446084	54.085	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	55067	52.772	ug/l	92
82) 4-Chlorotoluene	11.457	91	413545	52.510	ug/l	100
83) tert-Butylbenzene	11.719	119	421041	52.561	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	448645	54.555	ug/l	98
85) sec-Butylbenzene	11.896	105	501538	49.453	ug/l	100
86) p-Isopropyltoluene	12.012	119	461761	55.321	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	229802	51.383	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	227952	51.104	ug/l	99
89) n-Butylbenzene	12.335	91	397056	53.277	ug/l	98
90) Hexachloroethane	12.542	117	75362	51.743	ug/l	96
91) 1,2-Dichlorobenzene	12.341	146	219403	50.638	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	38146	49.485	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	139381	53.450	ug/l	98
94) Hexachlorobutadiene	13.725	225	63262	54.429	ug/l	99
95) Naphthalene	13.780	128	480902	49.967	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	141721	54.569	ug/l	97

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

