

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060821\
 Data File : VX022582.D
 Acq On : 08 Jun 2021 22:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/9/2021 4:20:51 PM

Quant Time: Jun 09 04:02:55 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X060721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 07 14:27:50 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	65949	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	132996	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122140	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54883	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.970	65	56268	47.994	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.980%		
35) Dibromofluoromethane	5.397	113	40734	48.953	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.900%		
50) Toluene-d8	8.653	98	165101	49.727	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	99.460%		
62) 4-Bromofluorobenzene	11.085	95	61339	49.704	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	99.400%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	43203	56.174	ug/l	99
3) Chloromethane	1.294	50	47265	50.884	ug/l	97
4) Vinyl Chloride	1.374	62	46352	51.127	ug/l	98
5) Bromomethane	1.599	94	23745	49.849	ug/l	96
6) Chloroethane	1.679	64	29141	51.046	ug/l	98
7) Trichlorofluoromethane	1.880	101	67250	50.933	ug/l	95
8) Diethyl Ether	2.136	74	28030	52.072	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.325	101	40969	50.609	ug/l	91
10) Methyl Iodide	2.453	142	45943	48.213	ug/l	93
11) Tert butyl alcohol	2.983	59	66717	253.704	ug/l	99
12) 1,1-Dichloroethene	2.319	96	41293	49.378	ug/l	94
13) Acrolein	2.245	56	27517	219.699	ug/l	97
14) Allyl chloride	2.666	41	78591	51.252	ug/l	96
15) Acrylonitrile	3.075	53	141727	258.510	ug/l	99
16) Acetone	2.392	43	131563	249.734	ug/l	95
17) Carbon Disulfide	2.514	76	90418	43.673	ug/l	100
18) Methyl Acetate	2.709	43	75934	52.266	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	141798	50.855	ug/l	99
20) Methylene Chloride	2.794	84	51251	46.596	ug/l	87
21) trans-1,2-Dichloroethene	3.093	96	45570	48.385	ug/l	97
22) Diisopropyl ether	3.770	45	155854	50.665	ug/l	94
23) Vinyl Acetate	3.733	43	750104	259.125	ug/l	95
24) 1,1-Dichloroethane	3.611	63	89682	51.220	ug/l	97
25) 2-Butanone	4.568	43	224310	257.634	ug/l	95
26) 2,2-Dichloropropane	4.483	77	55174	41.119	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	54169	48.990	ug/l	98
28) Bromochloromethane	4.910	49	43300	48.923	ug/l	# 77
29) Tetrahydrofuran	5.013	42	129979	254.389	ug/l	90
30) Chloroform	5.105	83	88840	50.520	ug/l	98
31) Cyclohexane	5.477	56	72059	51.958	ug/l	91
32) 1,1,1-Trichloroethane	5.391	97	72368	51.883	ug/l	96
36) 1,1-Dichloropropene	5.702	75	65476	50.891	ug/l	97
37) Ethyl Acetate	4.727	43	85479	51.797	ug/l	# 94
38) Carbon Tetrachloride	5.684	117	58683	48.406	ug/l	97
39) Methylcyclohexane	7.385	83	70238	48.809	ug/l	95
40) Benzene	6.050	78	204081	51.397	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	45930	50.583	ug/l	95
42) 1,2-Dichloroethane	6.092	62	75057	51.280	ug/l	97
43) Isopropyl Acetate	6.348	43	138113	51.593	ug/l	94
44) Trichloroethene	7.129	130	47992	51.228	ug/l	96
45) 1,2-Dichloropropane	7.440	63	53887	52.760	ug/l	99
46) Dibromomethane	7.586	93	35196	50.556	ug/l #	86
47) Bromodichloromethane	7.830	83	65691	48.104	ug/l	96
48) Methyl methacrylate	7.702	41	66501	53.386	ug/l	90
49) 1,4-Dioxane	7.665	88	26546	1053.722	ug/l #	94
51) 4-Methyl-2-Pentanone	8.580	43	455193	272.948	ug/l	91
52) Toluene	8.726	92	126743	50.826	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	73386	44.882	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	81040	46.370	ug/l	93
55) 1,1,2-Trichloroethane	9.159	97	52544	54.062	ug/l	98
56) Ethyl methacrylate	9.122	69	87151	48.371	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	92271	52.532	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.251	63	232205	247.148	ug/l	95
59) 2-Hexanone	9.433	43	347533	272.785	ug/l	89
60) Dibromochloromethane	9.525	129	45363	46.967	ug/l	99
61) 1,2-Dibromoethane	9.610	107	53161	51.886	ug/l	98
64) Tetrachloroethene	9.281	164	42460	51.927	ug/l	92
65) Chlorobenzene	10.086	112	131365	51.759	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	43937	48.627	ug/l	98
67) Ethyl Benzene	10.195	91	246314	52.742	ug/l	99
68) m/p-Xylenes	10.305	106	179028	105.470	ug/l	94
69) o-Xylene	10.646	106	90485	54.520	ug/l	99
70) Styrene	10.659	104	151345	53.936	ug/l	97
71) Bromoform	10.805	173	26287	44.765	ug/l #	100
73) Isopropylbenzene	10.963	105	233447	52.189	ug/l	99
74) N-amyl acetate	10.848	43	129396	53.915	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	82917	51.498	ug/l	97
76) 1,2,3-Trichloropropane	11.244	75	74994m	52.746	ug/l	
77) Bromobenzene	11.201	156	49832	51.706	ug/l	84
78) n-propylbenzene	11.311	91	283040	52.135	ug/l	97
79) 2-Chlorotoluene	11.366	91	168275	52.086	ug/l	97
80) 1,3,5-Trimethylbenzene	11.457	105	201011	52.596	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	23428	42.759	ug/l	90
82) 4-Chlorotoluene	11.457	91	195523	52.286	ug/l	95
83) tert-Butylbenzene	11.719	119	181828	53.407	ug/l	91
84) 1,2,4-Trimethylbenzene	11.756	105	201939	52.536	ug/l	99
85) sec-Butylbenzene	11.896	105	242611	53.549	ug/l	97
86) p-Isopropyltoluene	12.012	119	199616	53.307	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	93255	49.830	ug/l	96
88) 1,4-Dichlorobenzene	12.043	146	96007	49.242	ug/l	97
89) n-Butylbenzene	12.335	91	189873	52.809	ug/l	97
90) Hexachloroethane	12.542	117	29011	47.292	ug/l	70
91) 1,2-Dichlorobenzene	12.335	146	93910	52.870	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17227	47.494	ug/l	77
93) 1,2,4-Trichlorobenzene	13.591	180	54108	50.668	ug/l	97
94) Hexachlorobutadiene	13.731	225	18984	49.603	ug/l	97
95) Naphthalene	13.780	128	231799	54.143	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	55794	52.277	ug/l	97

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

