

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
 Data File : VX024301.D
 Acq On : 17 Sep 2021 10:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/22/2021 7:39:37 PM

Quant Time: Sep 22 08:04:50 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	205684	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	322900	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	311991	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163923	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	144447	49.249	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.500%			
35) Dibromofluoromethane	5.397	113	108698	50.195	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.400%			
50) Toluene-d8	8.653	98	398462	50.510	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.020%			
62) 4-Bromofluorobenzene	11.085	95	164537	53.594	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.180%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	98655	49.897	ug/l	98
3) Chloromethane	1.301	50	91301	44.220	ug/l	99
4) Vinyl Chloride	1.380	62	91358	44.460	ug/l	99
5) Bromomethane	1.599	94	57562	47.055	ug/l	98
6) Chloroethane	1.679	64	61059	44.986	ug/l	97
7) Trichlorofluoromethane	1.886	101	159849	46.375	ug/l	99
8) Diethyl Ether	2.142	74	57712	48.387	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	94530	46.683	ug/l	95
10) Methyl Iodide	2.453	142	139202	49.689	ug/l	91
11) Tert butyl alcohol	2.983	59	149931	241.496	ug/l	99
12) 1,1-Dichloroethene	2.319	96	86322	45.517	ug/l	92
13) Acrolein	2.246	56	45352	234.610	ug/l	95
14) Allyl chloride	2.666	41	181322	52.609	ug/l	92
15) Acrylonitrile	3.075	53	323020	269.264	ug/l	99
16) Acetone	2.392	43	309119	247.175	ug/l	91
17) Carbon Disulfide	2.514	76	231075	48.620	ug/l	99
18) Methyl Acetate	2.715	43	208170	53.093	ug/l	92
19) Methyl tert-butyl Ether	3.123	73	392703	56.344	ug/l	99
20) Methylene Chloride	2.794	84	117281	48.836	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	107928	51.983	ug/l	96
22) Diisopropyl ether	3.776	45	378918	55.975	ug/l	93
23) Vinyl Acetate	3.733	43	1570214	285.678	ug/l	94
24) 1,1-Dichloroethane	3.617	63	207898	52.338	ug/l	97
25) 2-Butanone	4.568	43	488765	265.346	ug/l	95
26) 2,2-Dichloropropane	4.483	77	183838	52.840	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	128033	53.396	ug/l	95
28) Bromochloromethane	4.910	49	78630	48.582	ug/l	96
29) Tetrahydrofuran	5.019	42	303802	263.506	ug/l	90
30) Chloroform	5.099	83	220755	52.261	ug/l	99
31) Cyclohexane	5.477	56	181157	52.804	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	198529	52.514	ug/l	99
36) 1,1-Dichloropropene	5.702	75	160683	54.125	ug/l	98
37) Ethyl Acetate	4.727	43	181534	52.478	ug/l	95
38) Carbon Tetrachloride	5.684	117	175423	52.500	ug/l	99
39) Methylcyclohexane	7.385	83	193988	54.730	ug/l	96
40) Benzene	6.044	78	456853	53.654	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	103264	55.977	ug/l	92
42) 1,2-Dichloroethane	6.092	62	193177	54.407	ug/l	95
43) Isopropyl Acetate	6.348	43	298217	54.157	ug/l	94
44) Trichloroethene	7.129	130	126836	53.017	ug/l	96
45) 1,2-Dichloropropane	7.434	63	122209	54.380	ug/l	99
46) Dibromomethane	7.586	93	88862	54.019	ug/l	99
47) Bromodichloromethane	7.830	83	170705	55.807	ug/l	97
48) Methyl methacrylate	7.696	41	149892	54.556	ug/l	89
49) 1,4-Dioxane	7.665	88	60268	1047.609	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	969768	276.372	ug/l	92
52) Toluene	8.720	92	306771	54.971	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	200074	57.677	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	200970	55.985	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	130520	54.917	ug/l	97
56) Ethyl methacrylate	9.122	69	208674	52.527	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	205333	53.049	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	419376	243.828	ug/l	98
59) 2-Hexanone	9.433	43	771365	282.123	ug/l	89
60) Dibromochloromethane	9.525	129	138115	51.199	ug/l	99
61) 1,2-Dibromoethane	9.616	107	140238	55.376	ug/l	100
64) Tetrachloroethene	9.275	164	120813	49.986	ug/l	94
65) Chlorobenzene	10.086	112	340632	53.069	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	127850	53.744	ug/l	99
67) Ethyl Benzene	10.195	91	605953	53.967	ug/l	100
68) m/p-Xylenes	10.305	106	472621	109.944	ug/l	99
69) o-Xylene	10.646	106	223957	52.191	ug/l	98
70) Styrene	10.659	104	379619	54.534	ug/l	97
71) Bromoform	10.805	173	98050	49.410	ug/l	99
73) Isopropylbenzene	10.963	105	616230	50.482	ug/l	99
74) N-amyl acetate	10.848	43	277298	53.962	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	201182	50.943	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	192806m	51.152	ug/l	
77) Bromobenzene	11.201	156	158583	51.691	ug/l	95
78) n-propylbenzene	11.305	91	723655	52.477	ug/l	99
79) 2-Chlorotoluene	11.366	91	439436	51.302	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	537971	52.283	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	69580	54.291	ug/l	95
82) 4-Chlorotoluene	11.457	91	510805	52.412	ug/l	100
83) tert-Butylbenzene	11.719	119	523387	52.701	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	536124	52.968	ug/l	99
85) sec-Butylbenzene	11.896	105	675551	54.292	ug/l	99
86) p-Isopropyltoluene	12.012	119	572182	54.782	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	294814	53.649	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	293560	52.336	ug/l	99
89) n-Butylbenzene	12.335	91	478142	52.908	ug/l	98
90) Hexachloroethane	12.542	117	87519	52.008	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	266837	49.495	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	43442	47.948	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	176859	55.669	ug/l	99
94) Hexachlorobutadiene	13.725	225	81062	51.096	ug/l	99
95) Naphthalene	13.780	128	583775	49.836	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	178766	55.825	ug/l	99

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

