

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092121\
 Data File : VX024402.D
 Acq On : 21 Sep 2021 22:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/23/2021 11:06:52 AM

Quant Time: Sep 22 04:53:44 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	149842	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	233611	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	226755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	108958	50.994	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 101.980%			
35) Dibromofluoromethane	5.397	113	83396	53.231	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.460%			
50) Toluene-d8	8.653	98	301961	52.907	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.820%			
62) 4-Bromofluorobenzene	11.085	95	124315	55.969	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.940%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.173	85	68376	47.471	ug/l	98
3) Chloromethane	1.295	50	69591	46.266	ug/l	100
4) Vinyl Chloride	1.380	62	73612	49.174	ug/l	99
5) Bromomethane	1.599	94	50124	56.245	ug/l	99
6) Chloroethane	1.679	64	49654	50.217	ug/l	99
7) Trichlorofluoromethane	1.886	101	134014	53.369	ug/l	97
8) Diethyl Ether	2.142	74	46205	53.177	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	74606	50.574	ug/l	95
10) Methyl Iodide	2.453	142	105258	51.575	ug/l	90
11) Tert butyl alcohol	2.983	59	107447	237.188	ug/l	97
12) 1,1-Dichloroethene	2.319	96	69277	50.143	ug/l	92
13) Acrolein	2.246	56	40121	284.897	ug/l	97
14) Allyl chloride	2.666	41	125828	50.113	ug/l	89
15) Acrylonitrile	3.075	53	228384	261.326	ug/l	97
16) Acetone	2.392	43	211918	232.602	ug/l	88
17) Carbon Disulfide	2.514	76	156094	45.083	ug/l	99
18) Methyl Acetate	2.715	43	149146	52.216	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	271472	53.466	ug/l	98
20) Methylene Chloride	2.794	84	83569	47.767	ug/l	89
21) trans-1,2-Dichloroethene	3.099	96	76623	50.659	ug/l	93
22) Diisopropyl ether	3.776	45	271605	55.075	ug/l	95
23) Vinyl Acetate	3.733	43	1107879	276.680	ug/l	95
24) 1,1-Dichloroethane	3.617	63	149177	51.551	ug/l	97
25) 2-Butanone	4.574	43	342434	255.185	ug/l	94
26) 2,2-Dichloropropane	4.489	77	111343	43.930	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	93435	53.489	ug/l	98
28) Bromochloromethane	4.910	49	55286	46.889	ug/l	95
29) Tetrahydrofuran	5.019	42	221437	263.644	ug/l	90
30) Chloroform	5.105	83	165254	53.701	ug/l	98
31) Cyclohexane	5.477	56	125499	50.213	ug/l	98
32) 1,1,1-Trichloroethane	5.391	97	147991	53.734	ug/l	98
36) 1,1-Dichloropropene	5.702	75	115495	53.773	ug/l	99
37) Ethyl Acetate	4.733	43	131367	52.490	ug/l	94
38) Carbon Tetrachloride	5.684	117	131599	54.437	ug/l	99
39) Methylcyclohexane	7.385	83	130566	50.917	ug/l	95
40) Benzene	6.050	78	331881	53.875	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.940	41	73050	54.734	ug/l	92
42) 1,2-Dichloroethane	6.099	62	144922	56.417	ug/l	93
43) Isopropyl Acetate	6.355	43	217618	54.625	ug/l	93
44) Trichloroethene	7.135	130	92948	53.701	ug/l	98
45) 1,2-Dichloropropane	7.440	63	88529	54.450	ug/l	94
46) Dibromomethane	7.586	93	64713	54.375	ug/l	98
47) Bromodichloromethane	7.830	83	123838	55.959	ug/l	99
48) Methyl methacrylate	7.702	41	109262	54.968	ug/l	84
49) 1,4-Dioxane	7.665	88	45169	1085.245	ug/l #	96
51) 4-Methyl-2-Pentanone	8.580	43	734275	289.241	ug/l	91
52) Toluene	8.726	92	221506	54.863	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	137262	54.694	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	140989	54.287	ug/l #	91
55) 1,1,2-Trichloroethane	9.159	97	94897	55.189	ug/l	97
56) Ethyl methacrylate	9.122	69	149827	52.139	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	154492	55.170	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	332931	267.553	ug/l	98
59) 2-Hexanone	9.433	43	584509	295.491	ug/l	87
60) Dibromochloromethane	9.525	129	99725	51.101	ug/l	99
61) 1,2-Dibromoethane	9.616	107	99943	54.549	ug/l	100
64) Tetrachloroethene	9.281	164	92391	52.595	ug/l	96
65) Chlorobenzene	10.086	112	248434	53.254	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	96119	55.594	ug/l	99
67) Ethyl Benzene	10.195	91	450368	55.187	ug/l	100
68) m/p-Xylenes	10.305	106	351123	112.384	ug/l	98
69) o-Xylene	10.646	106	174084	55.819	ug/l	99
70) Styrene	10.659	104	297330	58.769	ug/l	98
71) Bromoform	10.805	173	75774	52.467	ug/l #	99
73) Isopropylbenzene	10.963	105	465882	52.696	ug/l	100
74) N-amyl acetate	10.848	43	210434	56.542	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	148741	52.004	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	139263m	51.014	ug/l	
77) Bromobenzene	11.201	156	117140	52.720	ug/l	96
78) n-propylbenzene	11.305	91	539411	54.009	ug/l	99
79) 2-Chlorotoluene	11.366	91	329559	53.123	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	403082	54.089	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	45011	48.492	ug/l	89
82) 4-Chlorotoluene	11.457	91	386641	54.777	ug/l	100
83) tert-Butylbenzene	11.719	119	396425	55.115	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	400577	54.644	ug/l	99
85) sec-Butylbenzene	11.890	105	499562	55.434	ug/l	100
86) p-Isopropyltoluene	12.012	119	417457	55.186	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	217415	54.628	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	218877	53.878	ug/l	99
89) n-Butylbenzene	12.335	91	354107	54.102	ug/l	98
90) Hexachloroethane	12.542	117	67633	55.494	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	206583	52.908	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	33507	51.064	ug/l	89
93) 1,2,4-Trichlorobenzene	13.591	180	124777	54.229	ug/l	99
94) Hexachlorobutadiene	13.725	225	57343	49.907	ug/l	98
95) Naphthalene	13.780	128	422101	49.756	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	128880	55.570	ug/l	99

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

