

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX073021\
 Data File : VX023506.D
 Acq On : 29 Jul 2021 10:03
 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

SAM
 7/30/2021 6:51:37 PM

Quant Time: Jul 30 03:40:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 06:05:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	205854	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	325140	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	306348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	140910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	132586	51.633	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.260%			
35) Dibromofluoromethane	5.391	113	104995	51.647	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.300%			
50) Toluene-d8	8.653	98	392872	52.600	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.200%			
62) 4-Bromofluorobenzene	11.085	95	145168	57.158	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 114.320%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.172	85	97586	51.528	ug/l	99
3) Chloromethane	1.294	50	112437	50.965	ug/l	98
4) Vinyl Chloride	1.373	62	111733	50.032	ug/l	99
5) Bromomethane	1.599	94	64664	48.773	ug/l	98
6) Chloroethane	1.678	64	71702	52.315	ug/l	99
7) Trichlorofluoromethane	1.879	101	184349	51.238	ug/l	99
8) Diethyl Ether	2.136	74	71083	53.527	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.324	101	107646	52.810	ug/l	96
10) Methyl Iodide	2.453	142	141660	55.469	ug/l	96
11) Tert butyl alcohol	2.983	59	148710	253.511	ug/l	98
12) 1,1-Dichloroethene	2.318	96	100742	49.806	ug/l	97
13) Acrolein	2.239	56	74698	250.487	ug/l	97
14) Allyl chloride	2.666	41	187120	50.884	ug/l	94
15) Acrylonitrile	3.068	53	349985	264.213	ug/l	98
16) Acetone	2.385	43	342213	271.676	ug/l	94
17) Carbon Disulfide	2.507	76	233529	46.822	ug/l	99
18) Methyl Acetate	2.709	43	159005	53.101	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	379631	53.980	ug/l	99
20) Methylene Chloride	2.794	84	120271	49.086	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	106583	49.604	ug/l	92
22) Diisopropyl ether	3.769	45	389802	53.698	ug/l	97
23) Vinyl Acetate	3.727	43	1755146	273.896	ug/l	94
24) 1,1-Dichloroethane	3.611	63	205818	51.585	ug/l	98
25) 2-Butanone	4.568	43	528612	270.313	ug/l	92
26) 2,2-Dichloropropane	4.483	77	174017	53.327	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	130568	52.324	ug/l	98
28) Bromochloromethane	4.903	49	93995	50.479	ug/l	95
29) Tetrahydrofuran	5.013	42	329936	257.398	ug/l	90
30) Chloroform	5.104	83	214318	52.481	ug/l	99
31) Cyclohexane	5.476	56	187438	49.275	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	184031	52.729	ug/l	98
36) 1,1-Dichloropropene	5.696	75	154953	52.683	ug/l	99
37) Ethyl Acetate	4.720	43	198087	53.415	ug/l	95
38) Carbon Tetrachloride	5.678	117	158280	52.916	ug/l	98
39) Methylcyclohexane	7.385	83	200996	54.112	ug/l	97
40) Benzene	6.043	78	458417	52.567	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	107192	54.743	ug/l	93
42) 1,2-Dichloroethane	6.092	62	177097	54.924	ug/l	95
43) Isopropyl Acetate	6.348	43	317142	55.189	ug/l	93
44) Trichloroethene	7.128	130	126313	52.724	ug/l	98
45) 1,2-Dichloropropane	7.433	63	123836	53.663	ug/l	98
46) Dibromomethane	7.586	93	87636	55.988	ug/l	97
47) Bromodichloromethane	7.824	83	160563	56.936	ug/l	99
48) Methyl methacrylate	7.695	41	154663	58.114	ug/l	87
49) 1,4-Dioxane	7.665	88	62444	1101.878	ug/l	97
51) 4-Methyl-2-Pentanone	8.579	43	1024989	291.621	ug/l	91
52) Toluene	8.720	92	296279	54.839	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	187551	52.349	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	199625	56.784	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	127847	58.437	ug/l	98
56) Ethyl methacrylate	9.122	69	208443	59.438	ug/l #	83
57) 1,3-Dichloropropane	9.311	76	211350	56.853	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	514877	277.150	ug/l	97
59) 2-Hexanone	9.433	43	782467	293.162	ug/l	88
60) Dibromochloromethane	9.524	129	129686	53.345	ug/l	99
61) 1,2-Dibromoethane	9.610	107	137396	58.863	ug/l	99
64) Tetrachloroethene	9.274	164	125841	51.614	ug/l	95
65) Chlorobenzene	10.085	112	328990	52.469	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	123398	51.192	ug/l	98
67) Ethyl Benzene	10.195	91	582548	53.569	ug/l	99
68) m/p-Xylenes	10.305	106	448338	107.199	ug/l	98
69) o-Xylene	10.646	106	219410	52.915	ug/l	99
70) Styrene	10.658	104	363555	55.338	ug/l	98
71) Bromoform	10.805	173	92595	49.101	ug/l #	99
73) Isopropylbenzene	10.963	105	580877	54.631	ug/l	99
74) N-amyl acetate	10.847	43	269212	55.498	ug/l	90
75) 1,1,2,2-Tetrachloroethane	11.213	83	182982	52.830	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	175952m	56.744	ug/l	
77) Bromobenzene	11.201	156	143326	55.879	ug/l	95
78) n-propylbenzene	11.305	91	672666	55.898	ug/l	99
79) 2-Chlorotoluene	11.366	91	398975	55.484	ug/l	98
80) 1,3,5-Trimethylbenzene	11.457	105	478137	55.218	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.024	75	65539	56.832	ug/l	96
82) 4-Chlorotoluene	11.457	91	451228	55.467	ug/l	100
83) tert-Butylbenzene	11.719	119	471120	55.467	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	478531	55.558	ug/l	99
85) sec-Butylbenzene	11.896	105	614632	55.809	ug/l	99
86) p-Isopropyltoluene	12.012	119	501739	56.416	ug/l	97
87) 1,3-Dichlorobenzene	11.975	146	256012	53.951	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	255079	52.977	ug/l	99
89) n-Butylbenzene	12.335	91	453767	56.362	ug/l	98
90) Hexachloroethane	12.542	117	80139	50.301	ug/l	95
91) 1,2-Dichlorobenzene	12.341	146	247762	53.924	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	40506	48.281	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	160757	55.688	ug/l	98
94) Hexachlorobutadiene	13.731	225	70201	54.189	ug/l	99
95) Naphthalene	13.780	128	551441	55.560	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	161154	55.283	ug/l	100

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

