Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091721\
Data File : VX024343.D
Acq On : 18 Sep 2021 05:42
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 47 Sample Multiplier: 1

Instrument : MSVOA_X
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
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9/22/2021 7:40:03 PM

Quant Time: Sep 22 08:08:30 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	163348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	249576	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	267596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	118182	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	111168	47.726	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 95.460%			
35) Dibromofluoromethane	5.404	113	85118	50.854	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.700%			
50) Toluene-d8	8.653	98	297946	48.864	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.720%			
62) 4-Bromofluorobenzene	11.085	95	124428	52.437	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.880%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.173	85	74821	47.650	ug/l	100
3) Chloromethane	1.295	50	76631	46.734	ug/l	99
4) Vinyl Chloride	1.380	62	74420	45.604	ug/l	98
5) Bromomethane	1.599	94	48334	49.752	ug/l	97
6) Chloroethane	1.679	64	48229	44.743	ug/l	99
7) Trichlorofluoromethane	1.880	101	121646	44.438	ug/l	98
8) Diethyl Ether	2.142	74	44222	46.686	ug/l	90
9) 1,1,2-Trichlorotrifluo...	2.331	101	76256	47.418	ug/l	96
10) Methyl Iodide	2.453	142	112288	50.470	ug/l	92
11) Tert butyl alcohol	2.983	59	153367	317.696	ug/l	98
12) 1,1-Dichloroethene	2.319	96	73938	49.092	ug/l	95
13) Acrolein	2.246	56	34136	222.356	ug/l	98
14) Allyl chloride	2.666	41	142815	52.176	ug/l	93
15) Acrylonitrile	3.075	53	279331	293.194	ug/l	97
16) Acetone	2.392	43	263451	265.256	ug/l	90
17) Carbon Disulfide	2.514	76	182000	48.219	ug/l	100
18) Methyl Acetate	2.715	43	187150	60.103	ug/l	91
19) Methyl tert-butyl Ether	3.123	73	307239	55.507	ug/l	100
20) Methylene Chloride	2.794	84	98037	51.403	ug/l	93
21) trans-1,2-Dichloroethene	3.093	96	86945	52.730	ug/l	97
22) Diisopropyl ether	3.776	45	311134	57.874	ug/l	93
23) Vinyl Acetate	3.733	43	1240628	284.215	ug/l	95
24) 1,1-Dichloroethane	3.617	63	170770	54.133	ug/l	97
25) 2-Butanone	4.574	43	384935	263.140	ug/l	91
26) 2,2-Dichloropropane	4.489	77	83555	30.240	ug/l	100
27) cis-1,2-Dichloroethene	4.501	96	97545	51.225	ug/l	99
28) Bromochloromethane	4.904	49	62829	48.881	ug/l	98
29) Tetrahydrofuran	5.019	42	233618	255.149	ug/l	88
30) Chloroform	5.105	83	164167	48.937	ug/l	100
31) Cyclohexane	5.477	56	133204	48.890	ug/l	93
32) 1,1,1-Trichloroethane	5.397	97	159611	53.162	ug/l	98
36) 1,1-Dichloropropene	5.708	75	115949	50.531	ug/l	98
37) Ethyl Acetate	4.727	43	142577	53.325	ug/l #	94
38) Carbon Tetrachloride	5.690	117	131964	51.096	ug/l	96
39) Methylcyclohexane	7.385	83	146975	53.649	ug/l	97
40) Benzene	6.050	78	348605	52.970	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	4.934	41	80180	56.233	ug/l		91
42) 1,2-Dichloroethane	6.099	62	151415	55.174	ug/l		94
43) Isopropyl Acetate	6.355	43	240877	56.596	ug/l		94
44) Trichloroethene	7.135	130	93613	50.626	ug/l		99
45) 1,2-Dichloropropane	7.440	63	100803	58.033	ug/l		96
46) Dibromomethane	7.586	93	71799	56.470	ug/l		98
47) Bromodichloromethane	7.830	83	135299	57.227	ug/l		99
48) Methyl methacrylate	7.702	41	124210	58.491	ug/l		89
49) 1,4-Dioxane	7.665	88	55803	1254.976	ug/l		97
51) 4-Methyl-2-Pentanone	8.580	43	818185	301.678	ug/l		91
52) Toluene	8.726	92	208960	48.444	ug/l		98
53) t-1,3-Dichloropropene	8.982	75	134272	50.080	ug/l		100
54) cis-1,3-Dichloropropene	8.373	75	141381	50.956	ug/l		92
55) 1,1,2-Trichloroethane	9.159	97	105104	57.215	ug/l		98
56) Ethyl methacrylate	9.122	69	166401	54.149	ug/l	#	87
57) 1,3-Dichloropropane	9.311	76	171891	57.456	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.251	63	344674	259.271	ug/l		98
59) 2-Hexanone	9.433	43	660410	312.505	ug/l		90
60) Dibromochloromethane	9.525	129	107763	51.668	ug/l		99
61) 1,2-Dibromoethane	9.616	107	112635	57.543	ug/l		98
64) Tetrachloroethene	9.281	164	103430	49.893	ug/l		95
65) Chlorobenzene	10.086	112	267108	48.518	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.165	131	102782	50.374	ug/l		99
67) Ethyl Benzene	10.195	91	472596	49.073	ug/l		98
68) m/p-Xylenes	10.305	106	353260	95.811	ug/l		97
69) o-Xylene	10.646	106	164552	44.710	ug/l		99
70) Styrene	10.659	104	279393	46.795	ug/l		97
71) Bromoform	10.805	173	75440	44.439	ug/l	#	100
73) Isopropylbenzene	10.964	105	489307	55.598	ug/l		100
74) N-amyl acetate	10.848	43	211315	57.038	ug/l		93
75) 1,1,2,2-Tetrachloroethane	11.213	83	161861	56.850	ug/l		100
76) 1,2,3-Trichloropropane	11.244	75	147970m	54.451	ug/l		
77) Bromobenzene	11.201	156	123261	55.728	ug/l		95
78) n-propylbenzene	11.305	91	558898	56.215	ug/l		99
79) 2-Chlorotoluene	11.366	91	343759	55.665	ug/l		99
80) 1,3,5-Trimethylbenzene	11.457	105	418999	56.481	ug/l		100
81) trans-1,4-Dichloro-2-b...	11.024	75	44706	48.383	ug/l		92
82) 4-Chlorotoluene	11.457	91	392239	55.824	ug/l		100
83) tert-Butylbenzene	11.719	119	393747	54.992	ug/l		95
84) 1,2,4-Trimethylbenzene	11.756	105	415511	56.940	ug/l		98
85) sec-Butylbenzene	11.896	105	487344	54.325	ug/l		100
86) p-Isopropyltoluene	12.012	119	382295	50.768	ug/l		97
87) 1,3-Dichlorobenzene	11.976	146	196421	49.578	ug/l		99
88) 1,4-Dichlorobenzene	12.043	146	197786	48.909	ug/l		98
89) n-Butylbenzene	12.335	91	358493	55.021	ug/l		98
90) Hexachloroethane	12.542	117	67709	55.809	ug/l		95
91) 1,2-Dichlorobenzene	12.341	146	211631	54.448	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	34809	53.290	ug/l		90
93) 1,2,4-Trichlorobenzene	13.591	180	127362	55.605	ug/l		99
94) Hexachlorobutadiene	13.725	225	56875	49.725	ug/l		98
95) Naphthalene	13.780	128	450207	53.219	ug/l		100
96) 1,2,3-Trichlorobenzene	13.963	180	133115	57.658	ug/l		99

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

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