Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042221\
Data File : VX021834.D
Acq On : 22 Apr 2021 21:52
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
4/26/2021 4:52:19 PM

Quant Time: Apr 23 07:47:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042021W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 20 13:46:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.629	168	174635	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.830	114	294483	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.092	117	281496	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.061	152	140537	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.031	65	99887	50.42	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.84%			
35) Dibromofluoromethane	5.464	113	92253	48.99	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 97.98%			
50) Toluene-d8	8.696	98	345913	47.77	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 95.54%			
62) 4-Bromofluorobenzene	11.116	95	130991	48.44	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.88%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.185	85	85631	50.96	ug/l	100
3) Chloromethane	1.313	50	91308	41.39	ug/l	99
4) Vinyl Chloride	1.392	62	97460	48.56	ug/l	99
5) Bromomethane	1.624	94	25458	29.02	ug/l	97
6) Chloroethane	1.709	64	63011	49.80	ug/l	98
7) Trichlorofluoromethane	1.916	101	145964	54.29	ug/l	99
8) Diethyl Ether	2.166	74	58622	52.90	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.367	101	84041	52.14	ug/l	96
10) Methyl Iodide	2.489	142	29828	28.07	ug/l	98
11) Tert butyl alcohol	3.014	59	109717	252.91	ug/l	99
12) 1,1-Dichloroethene	2.355	96	87177	54.07	ug/l	92
13) Acrolein	2.276	56	79167	225.59	ug/l	100
14) Allyl chloride	2.709	41	133572	51.54	ug/l	97
15) Acrylonitrile	3.117	53	242634	276.36	ug/l	99
16) Acetone	2.422	43	188438	276.67	ug/l	100
17) Carbon Disulfide	2.550	76	233166	50.73	ug/l	99
18) Methyl Acetate	2.752	43	105653	57.17	ug/l	98
19) Methyl tert-butyl Ether	3.166	73	297844	53.59	ug/l	98
20) Methylene Chloride	2.837	84	99293	48.63	ug/l	93
21) trans-1,2-Dichloroethene	3.142	96	96369	52.05	ug/l	95
22) Diisopropyl ether	3.825	45	272090	52.34	ug/l	99
23) Vinyl Acetate	3.782	43	1211400	269.20	ug/l	98
24) 1,1-Dichloroethane	3.672	63	163014	52.84	ug/l	99
25) 2-Butanone	4.629	43	320274	277.70	ug/l	99
26) 2,2-Dichloropropane	4.550	77	129848	43.52	ug/l	96
27) cis-1,2-Dichloroethene	4.562	96	113688	54.05	ug/l	91
28) Bromochloromethane	4.977	49	65686	51.30	ug/l	88
29) Tetrahydrofuran	5.086	42	208016	277.20	ug/l	99
30) Chloroform	5.178	83	174309	52.17	ug/l	100
31) Cyclohexane	5.544	56	142455	51.13	ug/l	99
32) 1,1,1-Trichloroethane	5.464	97	157344	53.00	ug/l	97
36) 1,1-Dichloropropene	5.769	75	127946	49.22	ug/l	98
37) Ethyl Acetate	4.794	43	126228	51.66	ug/l	99
38) Carbon Tetrachloride	5.751	117	142971	50.23	ug/l	98
39) Methylcyclohexane	7.440	83	157061	46.64	ug/l	96
40) Benzene	6.111	78	395309	50.98	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	5.001	41	69374	50.46	ug/l		99
42) 1,2-Dichloroethane	6.159	62	128642	51.11	ug/l		99
43) Isopropyl Acetate	6.409	43	215045	50.25	ug/l		99
44) Trichloroethene	7.184	130	113840	50.31	ug/l		93
45) 1,2-Dichloropropane	7.488	63	99603	48.95	ug/l		99
46) Dibromomethane	7.635	93	71792	50.32	ug/l		98
47) Bromodichloromethane	7.873	83	144573	49.70	ug/l		98
48) Methyl methacrylate	7.745	41	106895	51.31	ug/l		98
49) 1,4-Dioxane	7.708	88	50087	1022.41	ug/l		95
51) 4-Methyl-2-Pentanone	8.616	43	644585	263.08	ug/l		99
52) Toluene	8.763	92	255631	50.82	ug/l		99
53) t-1,3-Dichloropropene	9.019	75	155889	47.70	ug/l		99
54) cis-1,3-Dichloropropene	8.415	75	168980	48.95	ug/l		95
55) 1,1,2-Trichloroethane	9.195	97	106224	51.42	ug/l		98
56) Ethyl methacrylate	9.159	69	159183	50.91	ug/l		98
57) 1,3-Dichloropropane	9.348	76	169685	51.17	ug/l		100
58) 2-Chloroethyl Vinyl ether	8.287	63	403214	263.79	ug/l		97
59) 2-Hexanone	9.470	43	487811	265.62	ug/l		98
60) Dibromochloromethane	9.561	129	125155	49.91	ug/l		99
61) 1,2-Dibromoethane	9.653	107	116327	51.81	ug/l		99
64) Tetrachloroethene	9.317	164	97040	44.09	ug/l		97
65) Chlorobenzene	10.116	112	283649	48.81	ug/l		100
66) 1,1,1,2-Tetrachloroethane	10.201	131	111067	49.40	ug/l		98
67) Ethyl Benzene	10.232	91	492876	48.99	ug/l		99
68) m/p-Xylenes	10.342	106	377863	97.08	ug/l		97
69) o-Xylene	10.677	106	182135	48.53	ug/l		97
70) Styrene	10.695	104	314414	49.40	ug/l		97
71) Bromoform	10.835	173	95164	46.74	ug/l	#	99
73) Isopropylbenzene	11.000	105	489509	49.64	ug/l		99
74) N-amyl acetate	10.878	43	188095	49.64	ug/l		98
75) 1,1,2,2-Tetrachloroethane	11.250	83	159283	53.13	ug/l		98
76) 1,2,3-Trichloropropane	11.280	75	126707m	45.47	ug/l		
77) Bromobenzene	11.238	156	126398	48.58	ug/l		91
78) n-propylbenzene	11.341	91	551512	50.57	ug/l		98
79) 2-Chlorotoluene	11.402	91	323960	50.48	ug/l		96
80) 1,3,5-Trimethylbenzene	11.488	105	411965	49.33	ug/l		97
81) trans-1,4-Dichloro-2-b...	11.055	75	51595	42.57	ug/l		91
82) 4-Chlorotoluene	11.494	91	378886	50.92	ug/l		98
83) tert-Butylbenzene	11.750	119	419512	50.31	ug/l		98
84) 1,2,4-Trimethylbenzene	11.786	105	414067	49.09	ug/l		99
85) sec-Butylbenzene	11.927	105	473473	49.54	ug/l		99
86) p-Isopropyltoluene	12.049	119	445223	49.05	ug/l		99
87) 1,3-Dichlorobenzene	12.006	146	221882	49.37	ug/l		99
88) 1,4-Dichlorobenzene	12.079	146	224264	49.34	ug/l		99
89) n-Butylbenzene	12.372	91	379039	49.48	ug/l		98
90) Hexachloroethane	12.579	117	80543	48.65	ug/l		100
91) 1,2-Dichlorobenzene	12.372	146	216207	49.81	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	12.981	75	34159	50.92	ug/l		90
93) 1,2,4-Trichlorobenzene	13.628	180	150930	48.22	ug/l		99
94) Hexachlorobutadiene	13.762	225	60167	39.08	ug/l		99
95) Naphthalene	13.817	128	507713	53.59	ug/l		100
96) 1,2,3-Trichlorobenzene	13.999	180	151686	50.49	ug/l		99

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

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