Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070820\
Data File : BG045981.D
Acq On : 8 Jul 2020 15:16
Operator : CG/JU
Sample : L3216-07
Misc : LOD-MDL-WTR-4PPM
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOD-MDL-WATER-01-QT3-2020

Manual Integrations APPROVED
mohammad
7/10/2020 11:45:42 AM

Quant Time: Jul 08 16:04:11 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 08 15:17:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	133792	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	554706	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	332434	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	682243	20.00	ng		0.00
76) Chrysene-d12	21.63	240	654912	20.00	ng		0.00
86) Perylene-d12	24.78	264	677305	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	1156400	140.16	ng		0.00
7) Phenol-d6	7.17	99	1613409	135.83	ng		0.00
23) Nitrobenzene-d5	9.16	82	793116	82.30	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	451674	146.39	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1560853	73.24	ng		0.00
79) Terphenyl-d14	19.98	244	1672955	56.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	17724	4.656	ng		94
3) Pyridine	3.90	79	36252	3.150	ng		90
4) n-Nitrosodimethylamine	3.82	42	15544	3.994	ng	#	90
6) Aniline	7.33	93	56645	3.728	ng		98
8) 2-Chlorophenol	7.57	128	31865	3.588	ng		86
9) Benzaldehyde	7.14	77	39164	5.204	ng		97
10) Phenol	7.19	94	44901	3.768	ng		87
11) bis(2-Chloroethyl)ether	7.42	93	36471	3.702	ng		96
12) 1,3-Dichlorobenzene	7.90	146	37588	3.672	ng		95
13) 1,4-Dichlorobenzene	8.04	146	37264	3.700	ng		94
14) 1,2-Dichlorobenzene	8.36	146	36257	3.741	ng		97
15) Benzyl Alcohol	8.23	79	32761	3.518	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.54	45	45410	3.532	ng		96
17) 2-Methylphenol	8.43	107	29266	3.273	ng		93
18) Hexachloroethane	9.10	117	14734	3.803	ng		91
19) n-Nitroso-di-n-propylamine	8.80	70	31518	3.777	ng		97
20) 3+4-Methylphenols	8.76	107	39685	3.257	ng		96
22) Acetophenone	8.82	105	58230	3.929	ng	#	94
24) Nitrobenzene	9.20	77	45211	4.250	ng	#	86
25) Isophorone	9.72	82	83263	3.539	ng		99
26) 2-Nitrophenol	9.91	139	13164	3.797	ng	#	91
27) 2,4-Dimethylphenol	9.97	122	28947m	3.457	ng		
28) bis(2-Chloroethoxy)methane	10.21	93	47906	3.626	ng		99
29) 2,4-Dichlorophenol	10.44	162	27907	3.219	ng		96
30) 1,2,4-Trichlorobenzene	10.67	180	33363	3.473	ng		97
31) Naphthalene	10.85	128	109786	3.692	ng		99
32) Benzoic acid	10.02	122	7644m	1.686	ng		
33) 4-Chloroaniline	10.95	127	44852	3.375	ng		97
34) Hexachlorobutadiene	11.15	225	18719	3.338	ng		92
35) Caprolactam	11.69	113	9489m	2.883	ng		
36) 4-Chloro-3-methylphenol	12.06	107	32256	3.267	ng		97
37) 2-Methylnaphthalene	12.46	142	79740	3.772	ng		96
38) 1-Methylnaphthalene	12.68	142	73409	3.680	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.82	216	36051	3.847	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	17821	3.205	ng		97
43) 2,4,6-Trichlorophenol	13.06	196	20178m	3.184	ng		
44) 2,4,5-Trichlorophenol	13.13	196	22082	3.082	ng	#	96
46) 1,1'-Biphenyl	13.46	154	102639	4.104	ng		97
47) 2-Chloronaphthalene	13.50	162	71237	3.610	ng		99
48) 2-Nitroaniline	13.69	65	17497	3.789	ng		97
49) Acenaphthylene	14.35	152	119434	3.752	ng		96
50) Dimethylphthalate	14.08	163	90242	3.617	ng		98
51) 2,6-Dinitrotoluene	14.19	165	14558	3.761	ng		87
52) Acenaphthene	14.69	154	71831	3.577	ng		99
53) 3-Nitroaniline	14.51	138	15448	3.220	ng	#	75
54) 2,4-Dinitrophenol	14.72	184	2361	1.729	ng	#	84
55) Dibenzofuran	15.03	168	110247	3.745	ng		99
56) 4-Nitrophenol	14.81	139	11858	2.917	ng		88
57) 2,4-Dinitrotoluene	14.97	165	16580	3.466	ng	#	95
58) Fluorene	15.67	166	90888	3.764	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.25	232	18158m	3.282	ng		
60) Diethylphthalate	15.45	149	91120	3.483	ng		93
61) 4-Chlorophenyl-phenylether	15.67	204	42051	3.500	ng		95
62) 4-Nitroaniline	15.67	138	17668	3.426	ng		90
63) Azobenzene	15.96	77	106735	3.801	ng		96
65) 4,6-Dinitro-2-methylphenol	15.74	198	5014	2.509	ng		95
66) n-Nitrosodiphenylamine	15.88	169	77200	3.652	ng		98
67) 4-Bromophenyl-phenylether	16.56	248	25461	3.341	ng		96
68) Hexachlorobenzene	16.68	284	27837	3.641	ng	#	87
69) Atrazine	16.82	200	24729	3.956	ng		94
70) Pentachlorophenol	17.02	266	11535	2.713	ng		92
71) Phenanthrene	17.41	178	138465	3.839	ng		97
72) Anthracene	17.50	178	143356	3.916	ng		97
73) Carbazole	17.76	167	133371	3.635	ng		96
74) Di-n-butylphthalate	18.34	149	158026	3.564	ng	#	94
75) Fluoranthene	19.42	202	162778	3.904	ng		94
77) Benzidine	19.59	184	80740	4.312	ng		99
78) Pyrene	19.78	202	165319	3.698	ng		95
80) Butylbenzylphthalate	20.68	149	63865	3.023	ng		98
81) Benzo(a)anthracene	21.60	228	162186	3.766	ng		94
82) 3,3'-Dichlorobenzidine	21.52	252	55341	3.478	ng		98
83) Chrysene	21.67	228	150813	3.676	ng		98
84) Bis(2-ethylhexyl)phthalate	21.55	149	102181	3.332	ng		93
85) Di-n-octyl phthalate	22.75	149	168681	3.170	ng		99
87) Indeno(1,2,3-cd)pyrene	28.34	276	175661	3.545	ng	#	95
88) Benzo(b)fluoranthene	23.78	252	152996	3.558	ng		98
89) Benzo(k)fluoranthene	23.85	252	158368	3.895	ng		96
90) Benzo(a)pyrene	24.63	252	140472	3.474	ng		96
91) Dibenzo(a,h)anthracene	28.41	278	145058	3.630	ng		93
92) Benzo(g,h,i)perylene	29.46	276	144496	3.593	ng		96

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

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