Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070820\
Data File : BG045983.D
Acq On : 8 Jul 2020 16:38
Operator : CG/JU
Sample : L3216-08
Misc : LOQ-WTR-5PPM
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : LOQ-WATER-02-QT3-2020

Manual Integrations APPROVED
mohammad
7/10/2020 11:45:44 AM

Quant Time: Jul 08 17:17:27 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 15:53:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	141461	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	590323	20.00	ng		0.00
39) Acenaphthene-d10	14.63	164	356277	20.00	ng		0.00
64) Phenanthrene-d10	17.37	188	716444	20.00	ng		0.00
76) Chrysene-d12	21.63	240	649675	20.00	ng		0.00
86) Perylene-d12	24.78	264	643538	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	873916	100.18	ng		0.00
7) Phenol-d6	7.16	99	1276531	101.64	ng		0.00
23) Nitrobenzene-d5	9.16	82	837680	81.68	ng		0.00
42) 2,4,6-Tribromophenol	16.11	330	333346	100.81	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	1649405	72.21	ng		0.00
79) Terphenyl-d14	19.99	244	1699117	58.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	22784	5.661	ng		96
3) Pyridine	3.91	79	47565	3.909	ng		96
4) n-Nitrosodimethylamine	3.82	42	18805	4.570	ng	#	95
6) Aniline	7.33	93	74812	4.657	ng		97
8) 2-Chlorophenol	7.57	128	43786	4.663	ng		96
9) Benzaldehyde	7.14	77	50909	6.398	ng		97
10) Phenol	7.19	94	57904	4.596	ng		92
11) bis(2-Chloroethyl)ether	7.42	93	48894	4.693	ng		97
12) 1,3-Dichlorobenzene	7.90	146	47889	4.424	ng		97
13) 1,4-Dichlorobenzene	8.05	146	47559	4.467	ng		97
14) 1,2-Dichlorobenzene	8.36	146	45633	4.453	ng		94
15) Benzyl Alcohol	8.24	79	43628	4.430	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.53	45	58967	4.338	ng		96
17) 2-Methylphenol	8.44	107	39737	4.204	ng		96
18) Hexachloroethane	9.10	117	19311	4.714	ng		89
19) n-Nitroso-di-n-propylamine	8.81	70	40192	4.556	ng		98
20) 3+4-Methylphenols	8.76	107	51685	4.012	ng		97
22) Acetophenone	8.82	105	74628	4.732	ng	#	95
24) Nitrobenzene	9.20	77	56474	4.989	ng		100
25) Isophorone	9.73	82	107195	4.281	ng		99
26) 2-Nitrophenol	9.91	139	16151	4.377	ng		94
27) 2,4-Dimethylphenol	9.97	122	40895	4.589	ng		91
28) bis(2-Chloroethoxy)methane	10.21	93	64112	4.560	ng		93
29) 2,4-Dichlorophenol	10.44	162	37984	4.117	ng		93
30) 1,2,4-Trichlorobenzene	10.67	180	44118	4.316	ng		92
31) Naphthalene	10.85	128	146065	4.616	ng		97
32) Benzoic acid	10.03	122	11361m	2.354	ng		
33) 4-Chloroaniline	10.95	127	60328	4.266	ng		95
34) Hexachlorobutadiene	11.15	225	24467	4.099	ng		91
35) Caprolactam	11.69	113	13424	3.832	ng		94
36) 4-Chloro-3-methylphenol	12.07	107	42583	4.053	ng		97
37) 2-Methylnaphthalene	12.46	142	100770	4.479	ng		97
38) 1-Methylnaphthalene	12.67	142	98145	4.623	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	46747	4.655	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	25126	4.216	ng		98
43) 2,4,6-Trichlorophenol	13.06	196	26276	3.869	ng		100
44) 2,4,5-Trichlorophenol	13.13	196	28440	3.703	ng	#	93
46) 1,1'-Biphenyl	13.46	154	133673	4.988	ng		89
47) 2-Chloronaphthalene	13.50	162	94728	4.480	ng		98
48) 2-Nitroaniline	13.69	65	24054	4.860	ng		93
49) Acenaphthylene	14.35	152	157194	4.607	ng		96
50) Dimethylphthalate	14.08	163	114026	4.265	ng		98
51) 2,6-Dinitrotoluene	14.18	165	20061	4.835	ng		96
52) Acenaphthene	14.69	154	91862	4.269	ng		97
53) 3-Nitroaniline	14.51	138	22474	4.371	ng		97
54) 2,4-Dinitrophenol	14.72	184	3650	2.494	ng		89
55) Dibenzofuran	15.02	168	147077	4.662	ng		99
56) 4-Nitrophenol	14.81	139	16447	3.776	ng		96
57) 2,4-Dinitrotoluene	14.97	165	23237	4.533	ng	#	90
58) Fluorene	15.67	166	118944	4.596	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.25	232	25442	4.291	ng		96
60) Diethylphthalate	15.45	149	119214	4.251	ng		97
61) 4-Chlorophenyl-phenylether	15.67	204	56426	4.383	ng		97
62) 4-Nitroaniline	15.67	138	23674	4.284	ng		91
63) Azobenzene	15.96	77	140581	4.671	ng		94
65) 4,6-Dinitro-2-methylphenol	15.73	198	7738	3.688	ng		86
66) n-Nitrosodiphenylamine	15.88	169	100748	4.538	ng		97
67) 4-Bromophenyl-phenylether	16.56	248	33240	4.154	ng		97
68) Hexachlorobenzene	16.68	284	35023	4.362	ng		92
69) Atrazine	16.82	200	32450	4.944	ng		96
70) Pentachlorophenol	17.02	266	13647	3.057	ng		86
71) Phenanthrene	17.41	178	176654	4.664	ng		99
72) Anthracene	17.50	178	181788	4.729	ng		97
73) Carbazole	17.76	167	171895	4.461	ng		94
74) Di-n-butylphthalate	18.34	149	202201	4.343	ng		96
75) Fluoranthene	19.42	202	204336	4.667	ng		96
77) Benzidine	19.59	184	105687	5.689	ng		97
78) Pyrene	19.78	202	213772	4.820	ng		93
80) Butylbenzylphthalate	20.68	149	80736	3.853	ng		99
81) Benzo(a)anthracene	21.61	228	194361	4.550	ng		92
82) 3,3'-Dichlorobenzidine	21.52	252	67668	4.287	ng		98
83) Chrysene	21.67	228	180646	4.439	ng		96
84) Bis(2-ethylhexyl)phthalate	21.55	149	124895	4.106	ng		94
85) Di-n-octyl phthalate	22.75	149	203125	3.848	ng		98
87) Indeno(1,2,3-cd)pyrene	28.35	276	201591	4.282	ng		96
88) Benzo(b)fluoranthene	23.78	252	180083	4.408	ng		97
89) Benzo(k)fluoranthene	23.85	252	188066	4.869	ng		99
90) Benzo(a)pyrene	24.63	252	168184	4.378	ng		98
91) Dibenzo(a,h)anthracene	28.42	278	168840	4.446	ng		95
92) Benzo(g,h,i)perylene	29.46	276	172677	4.519	ng		97

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

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