Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
Data File : BG053695.D
Acq On : 25 May 2022 15:50
Operator : CG/JU
Sample : PB145039BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 26 02:51:47 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 15:11:41 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
05/26/2022
Supervised By :Jagrut Upadhyay
05/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.986	152	27329	20.000	ng		0.00
21) Naphthalene-d8	10.794	136	115151	20.000	ng		0.00
39) Acenaphthene-d10	14.624	164	83827	20.000	ng		0.00
64) Phenanthrene-d10	17.374	188	197748	20.000	ng		0.00
76) Chrysene-d12	21.638	240	204924	20.000	ng		0.00
86) Perylene-d12	24.840	264	210026	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.554	112	224697	139.537	ng		0.00
7) Phenol-d6	7.164	99	316243	129.402	ng		0.00
23) Nitrobenzene-d5	9.155	82	214052	79.130	ng		0.00
42) 2,4,6-Tribromophenol	16.116	330	143599	116.147	ng		0.00
45) 2-Fluorobiphenyl	13.250	172	469231	81.797	ng		0.00
79) Terphenyl-d14	19.982	244	926606	84.215	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.398	88	22310	26.405	ng	#	90
3) Pyridine	3.804	79	60122	29.138	ng		94
4) n-Nitrosodimethylamine	3.721	42	40935	40.726	ng	#	99
6) Aniline	7.311	93	113910	42.083	ng		97
8) 2-Chlorophenol	7.557	128	78812	46.817	ng		98
9) Benzaldehyde	7.123	77	53148	34.232	ng		95
10) Phenol	7.193	94	110810	46.360	ng		95
11) bis(2-Chloroethyl)ether	7.399	93	74441	41.759	ng		96
12) 1,3-Dichlorobenzene	7.875	146	83134	41.861	ng		94
13) 1,4-Dichlorobenzene	8.022	146	83522	41.677	ng		99
14) 1,2-Dichlorobenzene	8.345	146	82300	43.733	ng		95
15) Benzyl Alcohol	8.233	79	88339	43.236	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.509	45	124408	42.880	ng		97
17) 2-Methylphenol	8.445	107	71801	44.445	ng		97
18) Hexachloroethane	9.073	117	30813	40.489	ng		97
19) n-Nitroso-di-n-propyla...	8.791	70	72067	41.100	ng		98
20) 3+4-Methylphenols	8.768	107	99194	43.475	ng		97
22) Acetophenone	8.815	105	126242	40.057	ng	#	97
24) Nitrobenzene	9.196	77	109901	41.976	ng		97
25) Isophorone	9.719	82	196194	43.096	ng		98
26) 2-Nitrophenol	9.913	139	44663	42.119	ng		94
27) 2,4-Dimethylphenol	9.972	122	76875	48.172	ng		97
28) bis(2-Chloroethoxy)met...	10.201	93	106135	40.536	ng		94
29) 2,4-Dichlorophenol	10.459	162	85036	44.151	ng		92
30) 1,2,4-Trichlorobenzene	10.659	180	88128	40.272	ng		98
31) Naphthalene	10.847	128	242132	41.338	ng		98
32) Benzoic acid	10.160	122	25355m	29.410	ng		
33) 4-Chloroaniline	10.959	127	73098	29.799	ng		97
34) Hexachlorobutadiene	11.135	225	63165	38.926	ng		96
35) Caprolactam	11.734	113	26533m	37.909	ng		
36) 4-Chloro-3-methylphenol	12.093	107	94759	41.130	ng		97
37) 2-Methylnaphthalene	12.451	142	174502	39.920	ng		97
38) 1-Methylnaphthalene	12.674	142	168622m	39.537	ng		
40) 1,2,4,5-Tetrachloroben...	12.827	216	109835	41.567	ng	#	99
41) Hexachlorocyclopentadiene	12.803	237	90942	84.000	ng		97
43) 2,4,6-Trichlorophenol	13.068	196	69711	40.417	ng		97

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44) 2,4,5-Trichlorophenol	13.150	196	75597	41.182	ng		99
46) 1,1'-Biphenyl	13.461	154	240374	42.068	ng		98
47) 2-Chloronaphthalene	13.502	162	187348	41.849	ng		99
48) 2-Nitroaniline	13.708	65	72240	43.306	ng		99
49) Acenaphthylene	14.348	152	312770	43.782	ng		99
50) Dimethylphthalate	14.078	163	254030	39.879	ng		100
51) 2,6-Dinitrotoluene	14.201	165	56489	43.527	ng		98
52) Acenaphthene	14.689	154	177531	41.700	ng		98
53) 3-Nitroaniline	14.536	138	46341	33.048	ng		96
54) 2,4-Dinitrophenol	14.754	184	58246	71.430	ng		97
55) Dibenzofuran	15.024	168	300639	39.315	ng		99
56) 4-Nitrophenol	14.865	139	78098	77.977	ng		94
57) 2,4-Dinitrotoluene	14.994	165	77384	41.137	ng	#	88
58) Fluorene	15.676	166	249385	40.639	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.259	232	72340	38.840	ng		97
60) Diethylphthalate	15.435	149	262157	39.841	ng		98
61) 4-Chlorophenyl-phenyle...	15.658	204	136025	39.724	ng		97
62) 4-Nitroaniline	15.699	138	58803	40.431	ng		94
63) Azobenzene	15.952	77	269528	40.001	ng		98
65) 4,6-Dinitro-2-methylph...	15.764	198	47882	40.636	ng		96
66) n-Nitrosodiphenylamine	15.876	169	222493	42.854	ng		100
67) 4-Bromophenyl-phenylether	16.557	248	96347	41.718	ng		97
68) Hexachlorobenzene	16.686	284	106704	42.187	ng		97
69) Atrazine	16.821	200	95246	43.577	ng		95
70) Pentachlorophenol	17.033	266	92964	68.933	ng		91
71) Phenanthrene	17.415	178	429391	42.704	ng		98
72) Anthracene	17.503	178	436446	44.160	ng		98
73) Carbazole	17.779	167	403988	41.708	ng		99
74) Di-n-butylphthalate	18.325	149	473143	43.432	ng		99
75) Fluoranthene	19.424	202	558550	42.901	ng		98
77) Benzidine	19.600	184	268996	60.902	ng		99
78) Pyrene	19.788	202	557474	42.024	ng		99
80) Butylbenzylphthalate	20.663	149	213669	43.924	ng		98
81) Benzo(a)anthracene	21.621	228	562215	43.014	ng		98
82) 3,3'-Dichlorobenzidine	21.527	252	159656	48.169	ng		99
83) Chrysene	21.685	228	507358	41.562	ng		97
84) Bis(2-ethylhexyl)phtha...	21.509	149	304010	45.279	ng		98
85) Di-n-octyl phthalate	22.708	149	516943	45.532	ng		100
87) Indeno(1,2,3-cd)pyrene	28.511	276	616085	42.117	ng	#	96
88) Benzo(b)fluoranthene	23.824	252	589326	47.405	ng		99
89) Benzo(k)fluoranthene	23.888	252	543272	44.471	ng		97
90) Benzo(a)pyrene	24.693	252	549427	51.924	ng	#	99
91) Dibenzo(a,h)anthracene	28.558	278	536737	44.530	ng		98
92) Benzo(g,h,i)perylene	29.657	276	528255	44.214	ng		95

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

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