Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083022\
Data File : BG054785.D
Acq On : 30 Aug 2022 11:36
Operator : CG/JU
Sample : PB147302BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 30 16:03:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 25 17:50:55 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB147302BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/31/2022
Supervised By :Jagrut Upadhyay 08/31/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.148	152	50634	20.000	ng	0.00
21) Naphthalene-d8	10.975	136	207882	20.000	ng	0.00
39) Acenaphthene-d10	14.782	164	141100	20.000	ng	0.00
64) Phenanthrene-d10	17.526	188	318237	20.000	ng	0.00
76) Chrysene-d12	21.821	240	295420	20.000	ng	0.00
86) Perylene-d12	25.181	264	322136	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.693	112	401941	138.232	ng	0.00
7) Phenol-d6	7.302	99	531421	133.638	ng	0.00
23) Nitrobenzene-d5	9.324	82	312608	78.943	ng	0.00
42) 2,4,6-Tribromophenol	16.268	330	235313	133.463	ng	0.00
45) 2-Fluorobiphenyl	13.407	172	741379	78.973	ng	0.00
79) Terphenyl-d14	20.129	244	1256562	84.278	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.530	88	46885	33.767	ng	98
3) Pyridine	3.942	79	128101	33.077	ng	98
4) n-Nitrosodimethylamine	3.854	42	67878	40.546	ng	92
6) Aniline	7.467	93	190279	40.273	ng	97
8) 2-Chlorophenol	7.714	128	157149	49.467	ng	98
9) Benzaldehyde	7.279	77	57149	21.927	ng	96
10) Phenol	7.326	94	196112	47.955	ng	99
11) bis(2-Chloroethyl)ether	7.561	93	144904	44.058	ng	96
12) 1,3-Dichlorobenzene	8.037	146	164048	44.622	ng	99
13) 1,4-Dichlorobenzene	8.184	146	165395	44.601	ng	99
14) 1,2-Dichlorobenzene	8.507	146	161613	45.962	ng	99
15) Benzyl Alcohol	8.383	79	135754	47.255	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.677	45	216895	42.145	ng	97
17) 2-Methylphenol	8.589	107	136759	48.572	ng	99
18) Hexachloroethane	9.241	117	57512	42.770	ng	96
19) n-Nitroso-di-n-propyla...	8.953	70	118072	43.178	ng	97
20) 3+4-Methylphenols	8.918	107	184523	47.261	ng	97
22) Acetophenone	8.977	105	226958	43.639	ng	98
24) Nitrobenzene	9.365	77	168911	42.319	ng	98
25) Isophorone	9.888	82	326923	44.277	ng	98
26) 2-Nitrophenol	10.082	139	82473	46.778	ng	97
27) 2,4-Dimethylphenol	10.129	122	149844	53.641	ng	96
28) bis(2-Chloroethoxy)met...	10.369	93	196388	46.677	ng	99
29) 2,4-Dichlorophenol	10.616	162	151055	47.542	ng	98
30) 1,2,4-Trichlorobenzene	10.834	180	156273	43.039	ng	98
31) Naphthalene	11.027	128	470868	42.218	ng	100
32) Benzoic acid	10.275	122	66535	35.742	ng	99
33) 4-Chloroaniline	11.133	127	126526	27.826	ng	97
34) Hexachlorobutadiene	11.298	225	101294	43.541	ng	98
35) Caprolactam	11.903	113	52405m	46.750	ng	
36) 4-Chloro-3-methylphenol	12.238	107	162328	46.720	ng	98
37) 2-Methylnaphthalene	12.620	142	335625	42.934	ng	99
38) 1-Methylnaphthalene	12.837	142	320578	42.150	ng	98
40) 1,2,4,5-Tetrachloroben...	12.984	216	184785	43.444	ng	99
41) Hexachlorocyclopentadiene	12.961	237	233492	103.512	ng	98
43) 2,4,6-Trichlorophenol	13.219	196	127026	44.994	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.290	196	138383	43.647	ng	99
46) 1,1'-Biphenyl	13.619	154	454122	43.340	ng	99
47) 2-Chloronaphthalene	13.666	162	335566	42.169	ng	99
48) 2-Nitroaniline	13.865	65	107900	43.265	ng	97
49) Acenaphthylene	14.512	152	557578	42.461	ng	99
50) Dimethylphthalate	14.230	163	458517	42.180	ng	99
51) 2,6-Dinitrotoluene	14.353	165	100100	45.020	ng	88
52) Acenaphthene	14.847	154	387131m	45.895	ng	
53) 3-Nitroaniline	14.688	138	83172	33.416	ng	95
54) 2,4-Dinitrophenol	14.888	184	99896	79.643	ng	95
55) Dibenzofuran	15.181	168	525578	42.403	ng	98
56) 4-Nitrophenol	14.988	139	173913	90.290	ng	98
57) 2,4-Dinitrotoluene	15.140	165	140802	45.783	ng	84
58) Fluorene	15.828	166	439213	42.063	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.399	232	123763	43.303	ng	100
60) Diethylphthalate	15.587	149	457463	42.144	ng	98
61) 4-Chlorophenyl-phenyle...	15.816	204	228330	44.327	ng	98
62) 4-Nitroaniline	15.851	138	105898	41.672	ng	97
63) Azobenzene	16.110	77	416785	40.402	ng	96
65) 4,6-Dinitro-2-methylph...	15.898	198	70115	43.283	ng	99
66) n-Nitrosodiphenylamine	16.028	169	399415	43.522	ng	100
67) 4-Bromophenyl-phenylether	16.709	248	159594	45.677	ng	98
68) Hexachlorobenzene	16.827	284	177368	45.157	ng	97
69) Atrazine	16.973	200	152551	47.117	ng	99
70) Pentachlorophenol	17.173	266	193574	90.704	ng	100
71) Phenanthrene	17.573	178	716328	42.254	ng	100
72) Anthracene	17.661	178	721825	43.795	ng	99
73) Carbazole	17.931	167	669260	44.072	ng	99
74) Di-n-butylphthalate	18.472	149	813382	42.329	ng	99
75) Fluoranthene	19.576	202	876615	42.507	ng	98
77) Benzidine	19.753	184	426600	58.301	ng	99
78) Pyrene	19.935	202	881157	42.776	ng	99
80) Butylbenzylphthalate	20.810	149	361010	42.015	ng	95
81) Benzo(a)anthracene	21.797	228	851533	42.512	ng	99
82) 3,3'-Dichlorobenzidine	21.709	252	271262	38.626	ng	100
83) Chrysene	21.868	228	809890	42.288	ng	99
84) Bis(2-ethylhexyl)phtha...	21.686	149	528905	42.725	ng	98
85) Di-n-octyl phthalate	22.949	149	894734	42.619	ng	95
87) Indeno(1,2,3-cd)pyrene	29.059	276	1037750	42.434	ng	98
88) Benzo(b)fluoranthene	24.112	252	927817	45.914	ng	98
89) Benzo(k)fluoranthene	24.183	252	898400	44.175	ng	98
90) Benzo(a)pyrene	25.029	252	809364	46.879	ng	99
91) Dibenzo(a,h)anthracene	29.136	278	899399	45.142	ng	99
92) Benzo(g,h,i)perylene	30.281	276	891232	44.279	ng	98

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

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