Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111422\
Data File : BG055610.D
Acq On : 14 Nov 2022 18:45
Operator : CG/JU
Sample : N5561-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-25MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/15/2022
Supervised By :Jagrut Upadhyay 11/15/2022

Quant Time: Nov 15 01:03:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG110922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 10 03:39:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.264	152	51459	20.000	ng		0.00
21) Naphthalene-d8	11.096	136	225164	20.000	ng		0.00
39) Acenaphthene-d10	14.891	164	157184	20.000	ng		0.00
64) Phenanthrene-d10	17.629	188	336666	20.000	ng		0.00
76) Chrysene-d12	21.936	240	299813	20.000	ng		0.00
86) Perylene-d12	25.362	264	325334	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.796	112	399292	147.796	ng		0.00
7) Phenol-d6	7.406	99	518494	138.937	ng		0.00
23) Nitrobenzene-d5	9.439	82	325970	98.142	ng		0.00
42) 2,4,6-Tribromophenol	16.372	330	260145	169.625	ng		0.00
45) 2-Fluorobiphenyl	13.517	172	789467	75.760	ng		0.00
79) Terphenyl-d14	20.215	244	1169362	78.340	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.622	88	51205	37.315	ng		93
3) Pyridine	4.039	79	145442	38.119	ng		99
4) n-Nitrosodimethylamine	3.951	42	92036	44.317	ng		98
6) Aniline	7.577	93	118756	23.958	ng		99
8) 2-Chlorophenol	7.823	128	175566	58.046	ng		97
9) Benzaldehyde	7.388	77	106602	36.205	ng		97
10) Phenol	7.436	94	220329	51.285	ng		99
11) bis(2-Chloroethyl)ether	7.671	93	159763	46.189	ng		98
12) 1,3-Dichlorobenzene	8.152	146	190171	50.334	ng		97
13) 1,4-Dichlorobenzene	8.299	146	192061	50.229	ng		99
14) 1,2-Dichlorobenzene	8.622	146	188756	51.982	ng		100
15) Benzyl Alcohol	8.499	79	160261m	49.245	ng		
16) 2,2'-oxybis(1-Chloropr...	8.793	45	300347	45.190	ng		99
17) 2-Methylphenol	8.699	107	156325	51.708	ng		98
18) Hexachloroethane	9.363	117	68824	54.217	ng		96
19) n-Nitroso-di-n-propyla...	9.069	70	134479	43.603	ng		99
20) 3+4-Methylphenols	9.028	107	210880	50.070	ng		96
22) Acetophenone	9.092	105	263560	44.002	ng		100
24) Nitrobenzene	9.480	77	200399	52.445	ng		98
25) Isophorone	10.003	82	376969	44.425	ng		99
26) 2-Nitrophenol	10.197	139	96690	74.910	ng	#	92
27) 2,4-Dimethylphenol	10.244	122	176402	58.144	ng		99
28) bis(2-Chloroethoxy)met...	10.479	93	215625	47.129	ng		99
29) 2,4-Dichlorophenol	10.738	162	183230	54.956	ng		97
30) 1,2,4-Trichlorobenzene	10.955	180	201879	48.338	ng		99
31) Naphthalene	11.149	128	543890	44.678	ng		99
32) Benzoic acid	10.385	122	128344	61.820	ng		92
33) 4-Chloroaniline	11.243	127	106882	21.005	ng		98
34) Hexachlorobutadiene	11.425	225	136225	48.907	ng		99
35) Caprolactam	12.024	113	55023m	48.410	ng		
36) 4-Chloro-3-methylphenol	12.347	107	193347	49.197	ng		97
37) 2-Methylnaphthalene	12.735	142	405236	44.305	ng		100
38) 1-Methylnaphthalene	12.953	142	384957	43.028	ng		99
40) 1,2,4,5-Tetrachloroben...	13.094	216	240651	51.254	ng		99
41) Hexachlorocyclopentadiene	13.070	237	142423	70.855	ng		98
43) 2,4,6-Trichlorophenol	13.323	196	160593	58.170	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.399	196	172432	54.558	ng		100
46) 1,1'-Biphenyl	13.722	154	539862	46.947	ng		98
47) 2-Chloronaphthalene	13.775	162	414989	46.723	ng		99
48) 2-Nitroaniline	13.963	65	132355	57.074	ng		97
49) Acenaphthylene	14.615	152	662043	45.048	ng		100
50) Dimethylphthalate	14.333	163	522287	43.728	ng		100
51) 2,6-Dinitrotoluene	14.457	165	111911	52.954	ng		90
52) Acenaphthene	14.956	154	439836	47.940	ng		99
53) 3-Nitroaniline	14.780	138	87172	35.547	ng	#	97
54) 2,4-Dinitrophenol	14.985	184	77367	104.180	ng	#	75
55) Dibenzofuran	15.285	168	642030	43.771	ng		99
56) 4-Nitrophenol	15.079	139	189847	107.343	ng		98
57) 2,4-Dinitrotoluene	15.238	165	152635	54.506	ng		96
58) Fluorene	15.931	166	497695	42.650	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.503	232	154307	52.675	ng		97
60) Diethylphthalate	15.685	149	518746	42.693	ng		100
61) 4-Chlorophenyl-phenyle...	15.914	204	280736	45.229	ng		99
62) 4-Nitroaniline	15.943	138	105589	44.590	ng		100
63) Azobenzene	16.208	77	470006	39.907	ng		97
65) 4,6-Dinitro-2-methylph...	16.002	198	57739	51.801	ng		99
66) n-Nitrosodiphenylamine	16.131	169	444862	47.168	ng		100
67) 4-Bromophenyl-phenylether	16.807	248	180943	52.683	ng		99
68) Hexachlorobenzene	16.936	284	198248	48.552	ng		95
69) Atrazine	17.065	200	180718	52.947	ng		99
70) Pentachlorophenol	17.277	266	250217	111.854	ng		98
71) Phenanthrene	17.671	178	798516	44.132	ng		99
72) Anthracene	17.765	178	812192	45.804	ng		100
73) Carbazole	18.029	167	713029	44.494	ng		99
74) Di-n-butylphthalate	18.570	149	840489	45.744	ng		99
75) Fluoranthene	19.668	202	903305	41.865	ng		99
77) Benzidine	19.839	184	245727	30.295	ng		98
78) Pyrene	20.032	202	927842	45.727	ng		99
80) Butylbenzylphthalate	20.902	149	364574	47.232	ng		95
81) Benzo(a)anthracene	21.913	228	915474	44.579	ng		98
82) 3,3'-Dichlorobenzidine	21.813	252	254923	38.036	ng		99
83) Chrysene	21.983	228	862133	44.149	ng		99
84) Bis(2-ethylhexyl)phtha...	21.789	149	526647	51.427	ng		98
85) Di-n-octyl phthalate	23.076	149	895929	50.626	ng		99
87) Indeno(1,2,3-cd)pyrene	29.310	276	932793	37.645	ng	#	92
88) Benzo(b)fluoranthene	24.269	252	950970	46.134	ng		99
89) Benzo(k)fluoranthene	24.339	252	962317	45.664	ng		99
90) Benzo(a)pyrene	25.203	252	863710	48.642	ng		99
91) Dibenzo(a,h)anthracene	29.386	278	785000	38.272	ng		97
92) Benzo(g,h,i)perylene	30.550	276	630580	31.449	ng		99

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

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