Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055801.D
Acq On : 28 Nov 2022 12:02
Operator : CG/JU
Sample : PB149283BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Nov 29 02:06:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 29 02:02:15 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB149283BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo
11/29/2022
Supervised By :Jagrut Upadhyay
11/29/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.229	152	35519	20.000	ng		0.00
21) Naphthalene-d8	11.061	136	155743	20.000	ng		0.00
39) Acenaphthene-d10	14.857	164	120203	20.000	ng		0.00
64) Phenanthrene-d10	17.601	188	298827	20.000	ng		0.00
76) Chrysene-d12	21.895	240	291274	20.000	ng		0.00
86) Perylene-d12	25.292	264	306346	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.761	112	306172	155.807	ng		0.00
7) Phenol-d6	7.383	99	401955	153.663	ng		0.00
23) Nitrobenzene-d5	9.404	82	245167	83.203	ng		0.00
42) 2,4,6-Tribromophenol	16.343	330	238524	140.921	ng		0.00
45) 2-Fluorobiphenyl	13.482	172	639304	79.678	ng		0.00
79) Terphenyl-d14	20.186	244	1274687	87.531	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.588	88	30678	36.531	ng		97
3) Pyridine	3.999	79	87705m	34.044	ng		
4) n-Nitrosodimethylamine	3.911	42	57277	41.993	ng		90
6) Aniline	7.548	93	113536	34.556	ng		97
8) 2-Chlorophenol	7.794	128	112442	50.054	ng		97
9) Benzaldehyde	7.360	77	60988m	34.331	ng		
10) Phenol	7.407	94	148507	50.704	ng		99
11) bis(2-Chloroethyl)ether	7.636	93	100716	44.871	ng		98
12) 1,3-Dichlorobenzene	8.118	146	115175	43.608	ng		97
13) 1,4-Dichlorobenzene	8.264	146	118874	44.541	ng		98
14) 1,2-Dichlorobenzene	8.588	146	116167	45.422	ng		98
15) Benzyl Alcohol	8.470	79	99535m	46.820	ng		
16) 2,2'-oxybis(1-Chloropr...	8.758	45	183917	45.263	ng		98
17) 2-Methylphenol	8.670	107	103496	49.772	ng		98
18) Hexachloroethane	9.328	117	40974	44.605	ng		97
19) n-Nitroso-di-n-propyla...	9.034	70	89821	44.691	ng		99
20) 3+4-Methylphenols	8.999	107	144604	49.781	ng		98
22) Acetophenone	9.058	105	174527	43.125	ng	#	99
24) Nitrobenzene	9.451	77	131351	42.677	ng		97
25) Isophorone	9.968	82	258578	46.315	ng		98
26) 2-Nitrophenol	10.162	139	66597	46.872	ng		96
27) 2,4-Dimethylphenol	10.215	122	117030m	54.120	ng		
28) bis(2-Chloroethoxy)met...	10.444	93	147002	49.046	ng		99
29) 2,4-Dichlorophenol	10.709	162	123410	47.681	ng		99
30) 1,2,4-Trichlorobenzene	10.920	180	123413	41.042	ng		99
31) Naphthalene	11.114	128	351015	41.692	ng		99
32) Benzoic acid	10.362	122	70592	39.678	ng		98
33) 4-Chloroaniline	11.214	127	59627	17.169	ng		98
34) Hexachlorobutadiene	11.390	225	81214	39.554	ng		97
35) Caprolactam	11.989	113	45618m	50.932	ng		
36) 4-Chloro-3-methylphenol	12.324	107	143332	50.385	ng		97
37) 2-Methylnaphthalene	12.700	142	269468	42.747	ng		98
38) 1-Methylnaphthalene	12.918	142	258428	42.229	ng		100
40) 1,2,4,5-Tetrachloroben...	13.065	216	155355	41.127	ng		99
41) Hexachlorocyclopentadiene	13.041	237	178033	93.512	ng		98
43) 2,4,6-Trichlorophenol	13.300	196	111276	43.185	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.376	196	122846	43.383	ng		98
46) 1,1'-Biphenyl	13.693	154	376117	42.939	ng		99
47) 2-Chloronaphthalene	13.740	162	285117	41.877	ng		99
48) 2-Nitroaniline	13.940	65	102072	45.600	ng		94
49) Acenaphthylene	14.586	152	484192	43.187	ng		99
50) Dimethylphthalate	14.304	163	421125	43.949	ng		98
51) 2,6-Dinitrotoluene	14.428	165	90726	46.307	ng		99
52) Acenaphthene	14.921	154	356814m	48.696	ng		
53) 3-Nitroaniline	14.757	138	49523	23.026	ng		98
54) 2,4-Dinitrophenol	14.968	184	117833	104.602	ng		98
55) Dibenzofuran	15.256	168	481227	42.572	ng		99
56) 4-Nitrophenol	15.068	139	156301	92.593	ng		100
57) 2,4-Dinitrotoluene	15.215	165	132816	48.081	ng		96
58) Fluorene	15.903	166	391403	43.353	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.480	232	118062	43.029	ng		99
60) Diethylphthalate	15.650	149	432585	44.653	ng		99
61) 4-Chlorophenyl-phenyle...	15.885	204	214452	43.212	ng		97
62) 4-Nitroaniline	15.920	138	97144	43.208	ng		98
63) Azobenzene	16.179	77	374904	44.326	ng		99
65) 4,6-Dinitro-2-methylph...	15.979	198	81802	49.024	ng		96
66) n-Nitrosodiphenylamine	16.096	169	362099	43.969	ng		99
67) 4-Bromophenyl-phenylether	16.778	248	146984	43.170	ng		99
68) Hexachlorobenzene	16.907	284	162951	43.162	ng		98
69) Atrazine	17.036	200	159069	48.838	ng		99
70) Pentachlorophenol	17.248	266	193754	83.894	ng		99
71) Phenanthrene	17.642	178	687087	42.607	ng		99
72) Anthracene	17.730	178	702019	44.805	ng		99
73) Carbazole	18.000	167	638619	45.338	ng		99
74) Di-n-butylphthalate	18.535	149	772037	44.141	ng		99
75) Fluoranthene	19.639	202	834604	42.542	ng		99
77) Benzidine	19.810	184	327722	48.634	ng		99
78) Pyrene	20.004	202	849989	43.112	ng		100
80) Butylbenzylphthalate	20.861	149	343808	44.545	ng		99
81) Benzo(a)anthracene	21.872	228	853841	42.561	ng		100
82) 3,3'-Dichlorobenzidine	21.778	252	185708	26.344	ng		98
83) Chrysene	21.942	228	804054	42.100	ng		99
84) Bis(2-ethylhexyl)phtha...	21.743	149	500380	45.111	ng		99
85) Di-n-octyl phthalate	23.006	149	849866	44.771	ng		100
87) Indeno(1,2,3-cd)pyrene	29.210	276	1021774	40.713	ng	#	97
88) Benzo(b)fluoranthene	24.210	252	918763	46.051	ng		99
89) Benzo(k)fluoranthene	24.281	252	864775	43.484	ng		99
90) Benzo(a)pyrene	25.133	252	797887	46.604	ng		99
91) Dibenzo(a,h)anthracene	29.275	278	868326	42.340	ng		100
92) Benzo(g,h,i)perylene	30.438	276	852714	41.254	ng		99

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

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