Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111722\
Data File : BG055660.D
Acq On : 17 Nov 2022 10:48
Operator : CG/JU
Sample : PB148969BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 18 03:11:35 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 17 02:02:46 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB148969BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/18/2022
Supervised By :Jagrut Upadhyay 11/18/2022

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.253	152	35491	20.000	ng	0.00
21) Naphthalene-d8	11.085	136	153496	20.000	ng	0.00
39) Acenaphthene-d10	14.874	164	118456	20.000	ng	0.00
64) Phenanthrene-d10	17.618	188	287627	20.000	ng	0.00
76) Chrysene-d12	21.919	240	266592	20.000	ng	0.00
86) Perylene-d12	25.333	264	286197	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.785	112	300604	153.094	ng	0.00
7) Phenol-d6	7.395	99	394698	151.008	ng	0.00
23) Nitrobenzene-d5	9.428	82	242457	83.488	ng	0.00
42) 2,4,6-Tribromophenol	16.361	330	237866	142.604	ng	0.00
45) 2-Fluorobiphenyl	13.505	172	632889	80.042	ng	0.00
79) Terphenyl-d14	20.203	244	1185910	88.974	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.611	88	27833	33.169	ng	93
3) Pyridine	4.022	79	79842	31.016	ng	99
4) n-Nitrosodimethylamine	3.934	42	56038	41.117	ng	98
6) Aniline	7.565	93	89331	27.210	ng	98
8) 2-Chlorophenol	7.812	128	109231	48.663	ng	99
9) Benzaldehyde	7.377	77	17472	9.843	ng	98
10) Phenol	7.424	94	141350	48.298	ng	100
11) bis(2-Chloroethyl)ether	7.659	93	94601	42.180	ng	98
12) 1,3-Dichlorobenzene	8.141	146	109880	41.636	ng	97
13) 1,4-Dichlorobenzene	8.288	146	111863	41.947	ng	98
14) 1,2-Dichlorobenzene	8.611	146	109863	42.991	ng	99
15) Benzyl Alcohol	8.488	79	101316m	47.695	ng	
16) 2,2'-oxybis(1-Chloropr...	8.776	45	172978	42.604	ng	99
17) 2-Methylphenol	8.687	107	97493	46.922	ng	99
18) Hexachloroethane	9.351	117	38702	42.165	ng	96
19) n-Nitroso-di-n-propyla...	9.058	70	86109	42.878	ng	99
20) 3+4-Methylphenols	9.016	107	136601	47.063	ng	96
22) Acetophenone	9.081	105	165571	41.511	ng	98
24) Nitrobenzene	9.469	77	124667	41.098	ng	99
25) Isophorone	9.992	82	242341	44.042	ng	99
26) 2-Nitrophenol	10.186	139	61559	43.960	ng	95
27) 2,4-Dimethylphenol	10.233	122	114272	53.618	ng	98
28) bis(2-Chloroethoxy)met...	10.468	93	135830	45.982	ng	98
29) 2,4-Dichlorophenol	10.720	162	118632	46.506	ng	98
30) 1,2,4-Trichlorobenzene	10.938	180	121198	40.896	ng	99
31) Naphthalene	11.137	128	332354	40.053	ng	100
32) Benzoic acid	10.362	122	74974	42.758	ng	97
33) 4-Chloroaniline	11.231	127	81921	23.933	ng	99
34) Hexachlorobutadiene	11.414	225	79682	39.376	ng	96
35) Caprolactam	12.007	113	41441m	46.945	ng	
36) 4-Chloro-3-methylphenol	12.336	107	133706	47.689	ng	99
37) 2-Methylnaphthalene	12.724	142	257081	41.379	ng	99
38) 1-Methylnaphthalene	12.935	142	242874	40.268	ng	99
40) 1,2,4,5-Tetrachloroben...	13.082	216	149204	40.081	ng	98
41) Hexachlorocyclopentadiene	13.059	237	197517	105.276	ng	98
43) 2,4,6-Trichlorophenol	13.317	196	109662	43.186	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.388	196	118819	42.580	ng	97
46) 1,1'-Biphenyl	13.711	154	353636	40.968	ng	99
47) 2-Chloronaphthalene	13.764	162	270015	40.244	ng	98
48) 2-Nitroaniline	13.952	65	94593	42.882	ng	98
49) Acenaphthylene	14.604	152	450955	40.816	ng	99
50) Dimethylphthalate	14.322	163	393150	41.635	ng	99
51) 2,6-Dinitrotoluene	14.439	165	83593	43.295	ng	96
52) Acenaphthene	14.945	154	332057m	45.985	ng	
53) 3-Nitroaniline	14.769	138	51303	24.205	ng	97
54) 2,4-Dinitrophenol	14.980	184	105946	95.437	ng	98
55) Dibenzofuran	15.274	168	452507	40.621	ng	100
56) 4-Nitrophenol	15.068	139	145998	87.765	ng	93
57) 2,4-Dinitrotoluene	15.227	165	122178	44.882	ng	95
58) Fluorene	15.920	166	362271	40.718	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.491	232	116044	42.918	ng	99
60) Diethylphthalate	15.673	149	395390	41.415	ng	99
61) 4-Chlorophenyl-phenyle...	15.902	204	206468	42.216	ng	99
62) 4-Nitroaniline	15.932	138	87242	39.376	ng	94
63) Azobenzene	16.196	77	341635	40.989	ng	99
65) 4,6-Dinitro-2-methylph...	15.985	198	71195	44.329	ng	99
66) n-Nitrosodiphenylamine	16.120	169	333618	42.088	ng	100
67) 4-Bromophenyl-phenylether	16.796	248	138942	42.397	ng	99
68) Hexachlorobenzene	16.919	284	154327	42.469	ng	98
69) Atrazine	17.054	200	127946	40.812	ng	97
70) Pentachlorophenol	17.260	266	195514	87.953	ng	99
71) Phenanthrene	17.659	178	626950	40.392	ng	100
72) Anthracene	17.753	178	631498	41.874	ng	99
73) Carbazole	18.018	167	568620	41.941	ng	99
74) Di-n-butylphthalate	18.552	149	682266	40.527	ng	99
75) Fluoranthene	19.657	202	735333	38.941	ng	99
77) Benzidine	19.827	184	222325	36.048	ng	98
78) Pyrene	20.021	202	751245	41.632	ng	99
80) Butylbenzylphthalate	20.885	149	297049	42.050	ng	99
81) Benzo(a)anthracene	21.901	228	757227	41.239	ng	99
82) 3,3'-Dichlorobenzidine	21.801	252	227554	35.269	ng	100
83) Chrysene	21.966	228	719207	41.144	ng	98
84) Bis(2-ethylhexyl)phtha...	21.772	149	431997	42.551	ng	99
85) Di-n-octyl phthalate	23.053	149	738352	42.498	ng	99
87) Indeno(1,2,3-cd)pyrene	29.269	276	905990	38.641	ng	99
88) Benzo(b)fluoranthene	24.246	252	812256	43.579	ng	99
89) Benzo(k)fluoranthene	24.316	252	770671	41.480	ng	99
90) Benzo(a)pyrene	25.174	252	708775	44.314	ng	99
91) Dibenzo(a,h)anthracene	29.340	278	770532	40.217	ng	99
92) Benzo(g,h,i)perylene	30.509	276	755830	39.141	ng	97

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

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