Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055803.D
Acq On : 28 Nov 2022 13:25
Operator : CG/JU
Sample : PB149281BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 29 02:08:16 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 :
PB149281BS

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	8.232	152	40980	20.000	ng		0.00
21) Naphthalene-d8	11.058	136	195478	20.000	ng		0.00
39) Acenaphthene-d10	14.854	164	153253	20.000	ng		0.00
64) Phenanthrene-d10	17.598	188	371084	20.000	ng		0.00
76) Chrysene-d12	21.893	240	353884	20.000	ng		0.00
86) Perylene-d12	25.283	264	364773	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.765	112	328068	144.702	ng		0.00
7) Phenol-d6	7.380	99	437189	144.860	ng		0.00
23) Nitrobenzene-d5	9.407	82	268825	72.687	ng		0.00
42) 2,4,6-Tribromophenol	16.340	330	256417	118.822	ng		0.00
45) 2-Fluorobiphenyl	13.479	172	705282	68.945	ng		0.00
79) Terphenyl-d14	20.183	244	1324831	74.879	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.585	88	31148	32.148	ng		100
3) Pyridine	3.996	79	90123	30.321	ng		98
4) n-Nitrosodimethylamine	3.908	42	61913	39.343	ng		93
6) Aniline	7.545	93	166498	43.922	ng		99
8) 2-Chlorophenol	7.792	128	124288	47.954	ng		99
9) Benzaldehyde	7.357	77	70393	34.344	ng		99
10) Phenol	7.410	94	163095	48.264	ng		98
11) bis(2-Chloroethyl)ether	7.633	93	108926	42.061	ng		99
12) 1,3-Dichlorobenzene	8.121	146	122849	40.315	ng		99
13) 1,4-Dichlorobenzene	8.268	146	124554	40.450	ng		98
14) 1,2-Dichlorobenzene	8.591	146	123844	41.971	ng		98
15) Benzyl Alcohol	8.467	79	115565m	47.116	ng		
16) 2,2'-oxybis(1-Chloropr...	8.755	45	198620	42.367	ng		100
17) 2-Methylphenol	8.673	107	112508	46.895	ng		98
18) Hexachloroethane	9.325	117	43326	40.880	ng		98
19) n-Nitroso-di-n-propyla...	9.031	70	100015	43.131	ng		98
20) 3+4-Methylphenols	9.002	107	161001	48.040	ng		98
22) Acetophenone	9.055	105	192597	37.917	ng	#	99
24) Nitrobenzene	9.448	77	143943	37.261	ng		99
25) Isophorone	9.971	82	287438	41.019	ng		99
26) 2-Nitrophenol	10.159	139	74341	41.687	ng		96
27) 2,4-Dimethylphenol	10.212	122	131756m	48.544	ng		
28) bis(2-Chloroethoxy)met...	10.447	93	161820	43.015	ng		99
29) 2,4-Dichlorophenol	10.706	162	138096	42.509	ng		99
30) 1,2,4-Trichlorobenzene	10.917	180	135535	35.911	ng		98
31) Naphthalene	11.111	128	385506	36.481	ng		100
32) Benzoic acid	10.365	122	81933	36.692	ng		97
33) 4-Chloroaniline	11.211	127	135566	31.099	ng		98
34) Hexachlorobutadiene	11.387	225	87590	33.988	ng		96
35) Caprolactam	11.987	113	49284m	43.840	ng		
36) 4-Chloro-3-methylphenol	12.322	107	158358	44.351	ng		99
37) 2-Methylnaphthalene	12.698	142	299115	37.805	ng		99
38) 1-Methylnaphthalene	12.915	142	286116	37.250	ng		100
40) 1,2,4,5-Tetrachloroben...	13.062	216	172419	35.801	ng		99
41) Hexachlorocyclopentadiene	13.033	237	190820	78.614	ng		98
43) 2,4,6-Trichlorophenol	13.297	196	124408	37.869	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.373	196	136895	37.919	ng		98
46) 1,1'-Biphenyl	13.691	154	418350	37.460	ng		99
47) 2-Chloronaphthalene	13.743	162	314840	36.270	ng		99
48) 2-Nitroaniline	13.937	65	114643	40.171	ng		97
49) Acenaphthylene	14.584	152	538502	37.673	ng		99
50) Dimethylphthalate	14.302	163	458833	37.558	ng		99
51) 2,6-Dinitrotoluene	14.425	165	99762	39.938	ng		99
52) Acenaphthene	14.919	154	395415m	42.326	ng		
53) 3-Nitroaniline	14.754	138	84255	30.726	ng		98
54) 2,4-Dinitrophenol	14.966	184	130852	91.109	ng		97
55) Dibenzofuran	15.253	168	536556	37.230	ng		99
56) 4-Nitrophenol	15.065	139	169680	78.841	ng		99
57) 2,4-Dinitrotoluene	15.212	165	146727	41.662	ng		93
58) Fluorene	15.900	166	427854	37.170	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.477	232	128456	36.721	ng		100
60) Diethylphthalate	15.653	149	470627	38.103	ng		100
61) 4-Chlorophenyl-phenyle...	15.882	204	235943	37.289	ng		98
62) 4-Nitroaniline	15.917	138	110392	38.512	ng		98
63) Azobenzene	16.176	77	409361	37.963	ng		99
65) 4,6-Dinitro-2-methylph...	15.976	198	88307	42.617	ng		95
66) n-Nitrosodiphenylamine	16.094	169	395963	38.718	ng		99
67) 4-Bromophenyl-phenylether	16.775	248	158256	37.430	ng		98
68) Hexachlorobenzene	16.899	284	176157	37.574	ng		100
69) Atrazine	17.034	200	168314	41.614	ng		99
70) Pentachlorophenol	17.245	266	208035	72.538	ng		99
71) Phenanthrene	17.639	178	741301	37.018	ng		100
72) Anthracene	17.727	178	748740	38.482	ng		99
73) Carbazole	17.997	167	690378	39.469	ng		98
74) Di-n-butylphthalate	18.526	149	833418	38.372	ng		100
75) Fluoranthene	19.637	202	887218	36.418	ng		99
77) Benzidine	19.807	184	448639	54.799	ng		99
78) Pyrene	19.995	202	900506	37.594	ng		99
80) Butylbenzylphthalate	20.859	149	364861	38.909	ng		99
81) Benzo(a)anthracene	21.869	228	904768	37.120	ng		99
82) 3,3'-Dichlorobenzidine	21.775	252	291587	34.045	ng		100
83) Chrysene	21.940	228	847144	36.509	ng		99
84) Bis(2-ethylhexyl)phtha...	21.734	149	532281	39.497	ng		100
85) Di-n-octyl phthalate	23.003	149	903159	39.161	ng		100
87) Indeno(1,2,3-cd)pyrene	29.190	276	1090729	36.500	ng	#	94
88) Benzo(b)fluoranthene	24.196	252	967543	40.728	ng		99
89) Benzo(k)fluoranthene	24.272	252	925552	39.086	ng		100
90) Benzo(a)pyrene	25.124	252	848372	41.616	ng		99
91) Dibenzo(a,h)anthracene	29.261	278	929561	38.066	ng		99
92) Benzo(g,h,i)perylene	30.424	276	907094	36.855	ng		99

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

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