Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG113022\
Data File : BG055841.D
Acq On : 30 Nov 2022 13:11
Operator : CG/JU
Sample : PB149322BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 01 02:12:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 01 02:10:33 2022
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB149322BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/01/2022
Supervised By :Jagrut Upadhyay 12/01/2022

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12/01/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.218	152	33805	20.000	ng		0.00
21) Naphthalene-d8	11.050	136	160109	20.000	ng	#	0.00
39) Acenaphthene-d10	14.846	164	126994	20.000	ng		0.00
64) Phenanthrene-d10	17.584	188	319665	20.000	ng		0.00
76) Chrysene-d12	21.879	240	311114	20.000	ng		0.00
86) Perylene-d12	25.263	264	324347	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.756	112	265797	142.119	ng		0.00
7) Phenol-d6	7.372	99	354574	142.422	ng		0.00
23) Nitrobenzene-d5	9.393	82	215869	71.262	ng		0.00
42) 2,4,6-Tribromophenol	16.332	330	216543	121.093	ng		0.00
45) 2-Fluorobiphenyl	13.471	172	587459	69.302	ng		0.00
79) Terphenyl-d14	20.169	244	1174341	75.497	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.571	88	24702	30.906	ng		97
3) Pyridine	3.988	79	70809	28.879	ng		99
4) n-Nitrosodimethylamine	3.900	42	50294	38.743	ng		95
6) Aniline	7.537	93	130206	41.639	ng		96
8) 2-Chlorophenol	7.783	128	101307	47.384	ng		98
9) Benzaldehyde	7.348	77	58586m	34.651	ng		
10) Phenol	7.401	94	131186	47.061	ng		97
11) bis(2-Chloroethyl)ether	7.625	93	87451	40.936	ng		98
12) 1,3-Dichlorobenzene	8.106	146	100731	40.073	ng		98
13) 1,4-Dichlorobenzene	8.259	146	101708	40.041	ng		99
14) 1,2-Dichlorobenzene	8.576	146	100875	41.443	ng		99
15) Benzyl Alcohol	8.459	79	91842m	45.392	ng		
16) 2,2'-oxybis(1-Chloropr...	8.741	45	161938	41.874	ng		100
17) 2-Methylphenol	8.665	107	92339	46.658	ng		97
18) Hexachloroethane	9.311	117	35583	40.701	ng		95
19) n-Nitroso-di-n-propyla...	9.023	70	80808	42.245	ng		99
20) 3+4-Methylphenols	8.994	107	129434	46.818	ng		98
22) Acetophenone	9.047	105	156033	37.504	ng	#	97
24) Nitrobenzene	9.440	77	117393	37.102	ng		99
25) Isophorone	9.957	82	233567	40.694	ng		99
26) 2-Nitrophenol	10.151	139	61140	41.858	ng		97
27) 2,4-Dimethylphenol	10.204	122	107008m	48.136	ng		
28) bis(2-Chloroethoxy)met...	10.433	93	131580	42.703	ng		99
29) 2,4-Dichlorophenol	10.698	162	112122	42.138	ng		98
30) 1,2,4-Trichlorobenzene	10.909	180	112126	36.272	ng		95
31) Naphthalene	11.103	128	315985	36.508	ng		100
32) Benzoic acid	10.357	122	52027m	28.446	ng		
33) 4-Chloroaniline	11.203	127	123935	34.712	ng		98
34) Hexachlorobutadiene	11.373	225	75802	35.911	ng		93
35) Caprolactam	11.978	113	41545m	45.119	ng		
36) 4-Chloro-3-methylphenol	12.313	107	130033	44.463	ng		97
37) 2-Methylnaphthalene	12.689	142	246192	37.989	ng		99
38) 1-Methylnaphthalene	12.907	142	233275	37.079	ng		99
40) 1,2,4,5-Tetrachloroben...	13.054	216	146585	36.730	ng		100
41) Hexachlorocyclopentadiene	13.024	237	132533	65.891	ng		98
43) 2,4,6-Trichlorophenol	13.289	196	101529	37.295	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.365	196	112196	37.503	ng		98
46) 1,1'-Biphenyl	13.682	154	343031	37.067	ng		99
47) 2-Chloronaphthalene	13.729	162	261703	36.383	ng		99
48) 2-Nitroaniline	13.929	65	94900	40.129	ng		98
49) Acenaphthylene	14.575	152	443082	37.407	ng		99
50) Dimethylphthalate	14.287	163	391652	38.688	ng		100
51) 2,6-Dinitrotoluene	14.417	165	84802	40.969	ng		94
52) Acenaphthene	14.910	154	324576m	41.927	ng		
53) 3-Nitroaniline	14.752	138	73538	32.363	ng		95
54) 2,4-Dinitrophenol	14.957	184	102605	86.214	ng		97
55) Dibenzofuran	15.239	168	444283	37.202	ng		99
56) 4-Nitrophenol	15.057	139	132796	74.462	ng		94
57) 2,4-Dinitrotoluene	15.204	165	124392	42.623	ng		93
58) Fluorene	15.886	166	362266	37.980	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.468	232	103186	35.597	ng		99
60) Diethylphthalate	15.639	149	395600	38.651	ng		99
61) 4-Chlorophenyl-phenyle...	15.868	204	202071	38.540	ng		96
62) 4-Nitroaniline	15.909	138	93208	39.241	ng		97
63) Azobenzene	16.162	77	336320	37.638	ng		99
65) 4,6-Dinitro-2-methylph...	15.968	198	73645	41.258	ng		98
66) n-Nitrosodiphenylamine	16.085	169	335167	38.045	ng		98
67) 4-Bromophenyl-phenylether	16.767	248	137780	37.829	ng		97
68) Hexachlorobenzene	16.890	284	153496	38.007	ng		100
69) Atrazine	17.025	200	145510	41.763	ng		98
70) Pentachlorophenol	17.237	266	159334	64.493	ng		97
71) Phenanthrene	17.631	178	633196	36.706	ng		99
72) Anthracene	17.719	178	640669	38.224	ng		99
73) Carbazole	17.989	167	587212	38.971	ng		99
74) Di-n-butylphthalate	18.518	149	702146	37.528	ng		99
75) Fluoranthene	19.628	202	771979	36.785	ng		100
77) Benzidine	19.799	184	360962	50.151	ng		99
78) Pyrene	19.987	202	779731	37.027	ng		99
80) Butylbenzylphthalate	20.850	149	317954	38.568	ng		97
81) Benzo(a)anthracene	21.855	228	801247	37.392	ng		99
82) 3,3'-Dichlorobenzidine	21.761	252	258793	34.370	ng		99
83) Chrysene	21.926	228	752995	36.912	ng		99
84) Bis(2-ethylhexyl)phtha...	21.726	149	464694	39.222	ng		100
85) Di-n-octyl phthalate	22.983	149	792175	39.071	ng		100
87) Indeno(1,2,3-cd)pyrene	29.170	276	961675	36.192	ng	#	95
88) Benzo(b)fluoranthene	24.182	252	860209	40.723	ng		99
89) Benzo(k)fluoranthene	24.252	252	831234	39.478	ng		99
90) Benzo(a)pyrene	25.104	252	752051	41.489	ng		100
91) Dibenzo(a,h)anthracene	29.229	278	823279	37.916	ng		99
92) Benzo(g,h,i)perylene	30.404	276	810640	37.042	ng		98

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

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