Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG050724\
Data File : BG061131.D
Acq On : 7 May 2024 14:12
Operator : MA/JU
Sample : PB160665BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: May 07 14:54:34 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 05:11:25 2024
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB160665BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/08/2024
Supervised By :mohammad ahmed 05/08/2024

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.935	152	19320	20.000	ng		-0.03
21) Naphthalene-d8	10.732	136	84943	20.000	ng		-0.03
39) Acenaphthene-d10	14.569	164	73780	20.000	ng		-0.02
64) Phenanthrene-d10	17.318	188	198401	20.000	ng		-0.01
76) Chrysene-d12	21.578	240	187273	20.000	ng		#-0.01
86) Perylene-d12	24.710	264	211227	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.532	112	148447	156.264	ng		-0.01
7) Phenol-d6	7.119	99	203162	144.567	ng		-0.01
23) Nitrobenzene-d5	9.093	82	141053	82.318	ng		-0.03
42) 2,4,6-Tribromophenol	16.061	330	193924	131.498	ng		-0.01
45) 2-Fluorobiphenyl	13.194	172	418521	83.881	ng		-0.01
79) Terphenyl-d14	19.939	244	968576	86.018	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.441	88	11301	29.421	ng		93
3) Pyridine	3.822	79	32697	28.928	ng		91
4) n-Nitrosodimethylamine	3.740	42	38382	35.345	ng	#	97
6) Aniline	7.265	93	47198	33.878	ng	#	96
8) 2-Chlorophenol	7.506	128	56944	48.860	ng		98
9) Benzaldehyde	7.072	77	27278	34.998	ng		98
10) Phenol	7.142	94	71104	49.753	ng		88
11) bis(2-Chloroethyl)ether	7.359	93	42477	43.024	ng		95
12) 1,3-Dichlorobenzene	7.830	146	58696	42.721	ng		99
13) 1,4-Dichlorobenzene	7.971	146	60195	42.390	ng		97
14) 1,2-Dichlorobenzene	8.288	146	57744	42.148	ng		99
15) Benzyl Alcohol	8.176	79	59729	47.116	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.452	45	98189	45.833	ng		98
17) 2-Methylphenol	8.388	107	49770	48.868	ng		96
18) Hexachloroethane	9.016	117	22838	45.073	ng		89
19) n-Nitroso-di-n-propyla...	8.740	70	44381	42.200	ng	#	86
20) 3+4-Methylphenols	8.711	107	70410	47.919	ng		95
22) Acetophenone	8.758	105	91540	43.273	ng	#	97
24) Nitrobenzene	9.134	77	67083	40.019	ng		98
25) Isophorone	9.657	82	122708	38.740	ng		96
26) 2-Nitrophenol	9.851	139	34831	43.856	ng		91
27) 2,4-Dimethylphenol	9.915	122	45268	49.438	ng		95
28) bis(2-Chloroethoxy)met...	10.139	93	65117	41.889	ng		99
29) 2,4-Dichlorophenol	10.391	162	67257	46.880	ng		99
30) 1,2,4-Trichlorobenzene	10.597	180	71561	41.397	ng		97
31) Naphthalene	10.785	128	182842	41.417	ng		99
32) Benzoic acid	10.074	122	31241m	29.515	ng		
33) 4-Chloroaniline	10.891	127	54912	31.189	ng		96
34) Hexachlorobutadiene	11.067	225	59024	39.794	ng		96
35) Caprolactam	11.666	113	21230m	41.091	ng		
36) 4-Chloro-3-methylphenol	12.030	107	75141	43.435	ng		94
37) 2-Methylnaphthalene	12.395	142	135630	40.998	ng		98
38) 1-Methylnaphthalene	12.612	142	127660	38.331	ng		94
40) 1,2,4,5-Tetrachloroben...	12.765	216	110246	44.774	ng		98
41) Hexachlorocyclopentadiene	12.741	237	109781	116.468	ng		97
43) 2,4,6-Trichlorophenol	13.006	196	71276	45.089	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.082	196	78408	43.826	ng		93
46) 1,1'-Biphenyl	13.405	154	202333	42.771	ng		99
47) 2-Chloronaphthalene	13.446	162	156455	41.302	ng		97
48) 2-Nitroaniline	13.646	65	63181	44.947	ng		98
49) Acenaphthylene	14.293	152	274874	47.245	ng		99
50) Dimethylphthalate	14.028	163	248820	43.663	ng		99
51) 2,6-Dinitrotoluene	14.146	165	53916	44.232	ng		92
52) Acenaphthene	14.633	154	148450	40.901	ng		93
53) 3-Nitroaniline	14.475	138	36344	32.586	ng	#	99
54) 2,4-Dinitrophenol	14.692	184	69421	80.333	ng		96
55) Dibenzofuran	14.968	168	266515	43.474	ng		98
56) 4-Nitrophenol	14.804	139	74577	82.739	ng		97
57) 2,4-Dinitrotoluene	14.939	165	77943	43.220	ng		91
58) Fluorene	15.620	166	230143	43.384	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.203	232	79623	43.233	ng		98
60) Diethylphthalate	15.391	149	245181	42.665	ng		99
61) 4-Chlorophenyl-phenyle...	15.615	204	137322	43.111	ng		97
62) 4-Nitroaniline	15.644	138	51210	42.335	ng		89
63) Azobenzene	15.908	77	198181	44.301	ng		97
65) 4,6-Dinitro-2-methylph...	15.709	198	52732	42.837	ng		96
66) n-Nitrosodiphenylamine	15.826	169	212468	43.185	ng		96
67) 4-Bromophenyl-phenylether	16.508	248	102622	43.908	ng		95
68) Hexachlorobenzene	16.631	284	122516	42.116	ng		96
69) Atrazine	16.778	200	98188	48.392	ng		95
70) Pentachlorophenol	16.972	266	124584	69.711	ng		96
71) Phenanthrene	17.360	178	399262	44.012	ng		99
72) Anthracene	17.454	178	409330	45.220	ng		99
73) Carbazole	17.724	167	348075	43.734	ng		100
74) Di-n-butylphthalate	18.282	149	405030	42.797	ng		100
75) Fluoranthene	19.375	202	516750	41.579	ng		99
77) Benzidine	19.551	184	129260	36.955	ng		97
78) Pyrene	19.733	202	527004	44.263	ng		98
80) Butylbenzylphthalate	20.626	149	166170	44.091	ng		97
81) Benzo(a)anthracene	21.560	228	542007	44.229	ng		99
82) 3,3'-Dichlorobenzidine	21.478	252	133484	30.267	ng		97
83) Chrysene	21.625	228	508095	44.254	ng		99
84) Bis(2-ethylhexyl)phtha...	21.478	149	226532	46.030	ng		99
85) Di-n-octyl phthalate	22.659	149	377480	43.475	ng		99
87) Indeno(1,2,3-cd)pyrene	28.270	276	653448	46.680	ng	#	97
88) Benzo(b)fluoranthene	23.717	252	521776	44.205	ng		98
89) Benzo(k)fluoranthene	23.787	252	507157	44.662	ng		100
90) Benzo(a)pyrene	24.563	252	478278	46.510	ng		98
91) Dibenzo(a,h)anthracene	28.329	278	532428	45.928	ng	#	99
92) Benzo(g,h,i)perylene	29.375	276	500322	43.430	ng		96

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

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