Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040325\
Data File : BG064166.D
Acq On : 3 Apr 2025 14:25
Operator : RC/JU
Sample : PB167380BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 03 15:08:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG030525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 15:39:19 2025
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB167380BS

Manual Integrations APPROVED

Reviewed By :Anahy Claudio

04/04/2025
Supervised By :Jagrut Upadhyay

04/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.861	152	28759	20.000	ng		0.00
21) Naphthalene-d8	10.651	136	136286	20.000	ng	#	0.00
39) Acenaphthene-d10	14.482	164	106604	20.000	ng		0.00
64) Phenanthrene-d10	17.226	188	245944	20.000	ng		0.00
76) Chrysene-d12	21.456	240	238734	20.000	ng		0.00
86) Perylene-d12	24.471	264	267071	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.452	112	281930	153.072	ng		0.00
7) Phenol-d6	7.032	99	378880	151.214	ng		0.00
23) Nitrobenzene-d5	9.012	82	265270	107.563	ng		0.00
42) 2,4,6-Tribromophenol	15.975	330	209528	176.820	ng		0.00
45) 2-Fluorobiphenyl	13.107	172	654932	93.253	ng		0.00
79) Terphenyl-d14	19.847	244	1209307	102.424	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.360	88	25681	30.766	ng	#	95
3) Pyridine	3.748	79	73941	36.424	ng		97
4) n-Nitrosodimethylamine	3.666	42	63984	44.115	ng	#	94
6) Aniline	7.185	93	64793	26.353	ng		95
8) 2-Chlorophenol	7.426	128	107338	54.262	ng		96
9) Benzaldehyde	6.997	77	69842	47.928	ng		98
10) Phenol	7.056	94	140938	54.940	ng		95
11) bis(2-Chloroethyl)ether	7.285	93	93418	46.449	ng		95
12) 1,3-Dichlorobenzene	7.749	146	105624	48.624	ng		95
13) 1,4-Dichlorobenzene	7.896	146	109013	48.961	ng		97
14) 1,2-Dichlorobenzene	8.213	146	107614	50.123	ng		96
15) Benzyl Alcohol	8.096	79	110085	56.856	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.384	45	222617m	49.227	ng		
17) 2-Methylphenol	8.301	107	98950	58.118	ng		94
18) Hexachloroethane	8.936	117	42666	54.770	ng		94
19) n-Nitroso-di-n-propyla...	8.660	70	88757	50.475	ng		96
20) 3+4-Methylphenols	8.624	107	133907	57.129	ng		94
22) Acetophenone	8.677	105	174371	46.665	ng	#	97
24) Nitrobenzene	9.053	77	136912	53.718	ng		97
25) Isophorone	9.576	82	252898	51.233	ng		98
26) 2-Nitrophenol	9.764	139	57882	61.676	ng		96
27) 2,4-Dimethylphenol	9.829	122	112400	75.957	ng		96
28) bis(2-Chloroethoxy)met...	10.058	93	145332	48.562	ng		97
29) 2,4-Dichlorophenol	10.299	162	108209	57.911	ng		97
30) 1,2,4-Trichlorobenzene	10.510	180	108729	48.202	ng		99
31) Naphthalene	10.698	128	347756	47.321	ng		98
32) Benzoic acid	9.976	122	85020m	59.930	ng		
33) 4-Chloroaniline	10.810	127	32780	12.204	ng	#	97
34) Hexachlorobutadiene	10.992	225	75699	51.200	ng		98
35) Caprolactam	11.568	113	40453m	56.494	ng		
36) 4-Chloro-3-methylphenol	11.932	107	145869	59.555	ng		99
37) 2-Methylnaphthalene	12.308	142	240049	46.270	ng		97
38) 1-Methylnaphthalene	12.526	142	253580	49.890	ng		100
40) 1,2,4,5-Tetrachloroben...	12.678	216	138994	45.670	ng		97
41) Hexachlorocyclopentadiene	12.661	237	203513	237.585	ng		97
43) 2,4,6-Trichlorophenol	12.914	196	100029	55.766	ng		92

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44) 2,4,5-Trichlorophenol	12.990	196	114114	57.255	ng		97
46) 1,1'-Biphenyl	13.319	154	381360	47.350	ng		98
47) 2-Chloronaphthalene	13.360	162	279241	47.538	ng		99
48) 2-Nitroaniline	13.560	65	113032	56.048	ng		98
49) Acenaphthylene	14.206	152	477507	51.394	ng		100
50) Dimethylphthalate	13.948	163	386776	49.150	ng		99
51) 2,6-Dinitrotoluene	14.059	165	83921	52.247	ng		96
52) Acenaphthene	14.553	154	292282	46.875	ng		97
53) 3-Nitroaniline	14.388	138	23935	15.737	ng		94
54) 2,4-Dinitrophenol	14.594	184	99624	142.807	ng	#	71
55) Dibenzofuran	14.888	168	476020	47.125	ng		99
56) 4-Nitrophenol	14.700	139	152837	119.821	ng	#	86
57) 2,4-Dinitrotoluene	14.847	165	126563	56.737	ng	#	96
58) Fluorene	15.534	166	396639	50.416	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.111	232	111396	57.331	ng		94
60) Diethylphthalate	15.311	149	428066	50.108	ng		99
61) 4-Chlorophenyl-phenyle...	15.528	204	190043	48.609	ng		90
62) 4-Nitroaniline	15.552	138	87711	53.416	ng		92
63) Azobenzene	15.822	77	425974	46.728	ng		97
65) 4,6-Dinitro-2-methylph...	15.610	198	75609	67.215	ng		95
66) n-Nitrosodiphenylamine	15.740	169	355652	51.087	ng		98
67) 4-Bromophenyl-phenylether	16.421	248	133930	53.170	ng		93
68) Hexachlorobenzene	16.539	284	147691	52.372	ng		98
69) Atrazine	16.691	200	147236	71.880	ng		97
70) Pentachlorophenol	16.879	266	193559	110.546	ng		98
71) Phenanthrene	17.267	178	663507	50.579	ng		99
72) Anthracene	17.361	178	680503	52.169	ng		96
73) Carbazole	17.626	167	614836	50.484	ng		100
74) Di-n-butylphthalate	18.196	149	761289	53.105	ng		100
75) Fluoranthene	19.277	202	769179	48.637	ng		97
77) Benzidine	19.459	184	147461	44.607	ng		99
78) Pyrene	19.641	202	793724	51.576	ng		98
80) Butylbenzylphthalate	20.540	149	338395	57.796	ng		98
81) Benzo(a)anthracene	21.439	228	798062	52.186	ng		97
82) 3,3'-Dichlorobenzidine	21.357	252	99633	20.131	ng		99
83) Chrysene	21.503	228	755012	49.501	ng		99
84) Bis(2-ethylhexyl)phtha...	21.368	149	498131	60.230	ng		99
85) Di-n-octyl phthalate	22.514	149	855397	59.963	ng		98
87) Indeno(1,2,3-cd)pyrene	27.867	276	926600	51.855	ng	#	95
88) Benzo(b)fluoranthene	23.525	252	785577	48.656	ng		99
89) Benzo(k)fluoranthene	23.589	252	779003	48.095	ng		98
90) Benzo(a)pyrene	24.330	252	748687	52.068	ng		98
91) Dibenzo(a,h)anthracene	27.925	278	770984	52.044	ng		98
92) Benzo(g,h,i)perylene	28.936	276	742650	48.827	ng		95

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

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