Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG030725\
Data File : BG064061.D
Acq On : 7 Mar 2025 16:19
Operator : RC/JU
Sample : PB167027BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Mar 07 17:26:23 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 :
PB167027BSD

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.864	152	35231	20.000	ng		0.00
21) Naphthalene-d8	10.655	136	161506	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	117614	20.000	ng		0.00
64) Phenanthrene-d10	17.230	188	256688	20.000	ng		0.00
76) Chrysene-d12	21.466	240	264113	20.000	ng		0.00
86) Perylene-d12	24.480	264	280712	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.450	112	291945	129.391	ng		0.00
7) Phenol-d6	7.030	99	387760	126.329	ng		0.00
23) Nitrobenzene-d5	9.016	82	254764	87.172	ng		0.00
42) 2,4,6-Tribromophenol	15.979	330	174683	133.615	ng		0.00
45) 2-Fluorobiphenyl	13.117	172	602000	77.692	ng		0.00
79) Terphenyl-d14	19.850	244	1127527	86.321	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	35907	35.115	ng	#	89
3) Pyridine	3.752	79	90275	36.301	ng		98
4) n-Nitrosodimethylamine	3.669	42	75655	42.579	ng		100
6) Aniline	7.189	93	102507	34.034	ng		96
8) 2-Chlorophenol	7.430	128	97979	40.432	ng		98
9) Benzaldehyde	7.001	77	35444m	19.855	ng		
10) Phenol	7.060	94	132900	42.289	ng		99
11) bis(2-Chloroethyl)ether	7.289	93	94750	38.457	ng		97
12) 1,3-Dichlorobenzene	7.753	146	99142	37.256	ng		93
13) 1,4-Dichlorobenzene	7.900	146	104316	38.244	ng		99
14) 1,2-Dichlorobenzene	8.217	146	100127	38.069	ng		98
15) Benzyl Alcohol	8.100	79	98704	41.613	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.387	45	217931	39.338	ng		99
17) 2-Methylphenol	8.299	107	91525	43.881	ng		96
18) Hexachloroethane	8.946	117	38766	40.622	ng		96
19) n-Nitroso-di-n-propyla...	8.669	70	85882	39.868	ng		99
20) 3+4-Methylphenols	8.628	107	123954	43.168	ng		90
22) Acetophenone	8.681	105	183627	41.468	ng	#	98
24) Nitrobenzene	9.057	77	122855	40.676	ng		97
25) Isophorone	9.580	82	230084	39.333	ng	#	95
26) 2-Nitrophenol	9.768	139	42579	42.082	ng		94
27) 2,4-Dimethylphenol	9.827	122	94493	53.884	ng		93
28) bis(2-Chloroethoxy)met...	10.068	93	137219	38.691	ng		98
29) 2,4-Dichlorophenol	10.297	162	96328	43.502	ng		96
30) 1,2,4-Trichlorobenzene	10.514	180	100324	37.531	ng		97
31) Naphthalene	10.702	128	322155	36.992	ng		99
32) Benzoic acid	9.974	122	65853m	42.180	ng		
33) 4-Chloroaniline	10.802	127	55713	17.503	ng		96
34) Hexachlorobutadiene	10.996	225	67828	38.712	ng		96
35) Caprolactam	11.566	113	39547m	46.605	ng		
36) 4-Chloro-3-methylphenol	11.930	107	121632	41.905	ng		98
37) 2-Methylnaphthalene	12.312	142	229982	37.407	ng		98
38) 1-Methylnaphthalene	12.530	142	223407	37.090	ng		100
40) 1,2,4,5-Tetrachloroben...	12.682	216	132377	39.424	ng		96
41) Hexachlorocyclopentadiene	12.665	237	134524	142.345	ng		98
43) 2,4,6-Trichlorophenol	12.917	196	81593	41.230	ng		97

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44) 2,4,5-Trichlorophenol	12.988	196	93603	42.568	ng		99
46) 1,1'-Biphenyl	13.323	154	358704	40.368	ng		97
47) 2-Chloronaphthalene	13.364	162	241031	37.192	ng		97
48) 2-Nitroaniline	13.558	65	89341	42.583	ng		89
49) Acenaphthylene	14.210	152	407385	39.742	ng		99
50) Dimethylphthalate	13.951	163	330759	38.097	ng		99
51) 2,6-Dinitrotoluene	14.063	165	66930	38.699	ng		99
52) Acenaphthene	14.551	154	255264	37.106	ng		98
53) 3-Nitroaniline	14.380	138	38045	22.673	ng		95
54) 2,4-Dinitrophenol	14.592	184	63607	85.963	ng		87
55) Dibenzofuran	14.892	168	400242	35.914	ng		99
56) 4-Nitrophenol	14.698	139	127240	90.416	ng		93
57) 2,4-Dinitrotoluene	14.850	165	99044	41.304	ng	#	97
58) Fluorene	15.538	166	326324	37.595	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.115	232	91312	42.595	ng		97
60) Diethylphthalate	15.315	149	353540	37.510	ng		99
61) 4-Chlorophenyl-phenyle...	15.532	204	158955	36.852	ng		93
62) 4-Nitroaniline	15.550	138	70860	39.114	ng		94
63) Azobenzene	15.826	77	367923	36.582	ng		99
65) 4,6-Dinitro-2-methylph...	15.608	198	45348	42.105	ng		94
66) n-Nitrosodiphenylamine	15.749	169	295503	40.670	ng		100
67) 4-Bromophenyl-phenylether	16.425	248	106146	40.376	ng		99
68) Hexachlorobenzene	16.537	284	119277	40.526	ng		99
69) Atrazine	16.695	200	129393	60.525	ng		96
70) Pentachlorophenol	16.883	266	151745	83.037	ng		96
71) Phenanthrene	17.271	178	548919	40.093	ng		99
72) Anthracene	17.365	178	559114	41.069	ng		97
73) Carbazole	17.630	167	511373	40.231	ng		99
74) Di-n-butylphthalate	18.205	149	616679	41.217	ng		99
75) Fluoranthene	19.281	202	636646	38.571	ng		98
77) Benzidine	19.463	184	192016	52.503	ng		99
78) Pyrene	19.645	202	676122	39.713	ng		99
80) Butylbenzylphthalate	20.550	149	261414	41.455	ng		97
81) Benzo(a)anthracene	21.443	228	680233	40.207	ng		99
82) 3,3'-Dichlorobenzidine	21.366	252	145661	26.603	ng		95
83) Chrysene	21.507	228	657283	38.953	ng		99
84) Bis(2-ethylhexyl)phtha...	21.384	149	402756	44.018	ng		99
85) Di-n-octyl phthalate	22.530	149	684476	43.371	ng		98
87) Indeno(1,2,3-cd)pyrene	27.882	276	790393	42.083	ng		99
88) Benzo(b)fluoranthene	23.534	252	663953	39.125	ng		98
89) Benzo(k)fluoranthene	23.599	252	674074	39.594	ng		99
90) Benzo(a)pyrene	24.339	252	628853	41.609	ng		96
91) Dibenzo(a,h)anthracene	27.947	278	655992	42.130	ng		98
92) Benzo(g,h,i)perylene	28.946	276	610652	38.197	ng		96

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

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