Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042325\
Data File : BP024400.D
Acq On : 23 Apr 2025 17:35
Operator : RC/JU
Sample : Q1842-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PL-714-COMP-08MSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/24/2025
Supervised By :Jagrut Upadhyay 04/24/2025

Quant Time: Apr 23 18:32:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	199444	20.000	ng		0.00
21) Naphthalene-d8	10.487	136	786201	20.000	ng		-0.01
39) Acenaphthene-d10	14.340	164	472089	20.000	ng		-0.01
64) Phenanthrene-d10	17.134	188	902353	20.000	ng		-0.01
76) Chrysene-d12	21.574	240	975544	20.000	ng		-0.02
86) Perylene-d12	24.927	264	1149292	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.340	112	1539705	127.647	ng		0.00
7) Phenol-d6	6.905	99	1905687	115.380	ng		0.00
23) Nitrobenzene-d5	8.869	82	1245982	90.368	ng		0.00
42) 2,4,6-Tribromophenol	15.857	330	991370	151.781	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	2735099	88.707	ng		0.00
79) Terphenyl-d14	19.857	244	4627352	95.609	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	155220	30.423	ng	#	94
3) Pyridine	3.693	79	391515	29.061	ng		97
4) n-Nitrosodimethylamine	3.593	42	171972	38.462	ng		91
6) Aniline	7.058	93	354696	24.032	ng		98
8) 2-Chlorophenol	7.293	128	546933	40.612	ng		100
9) Benzaldehyde	6.869	77	153447	18.781	ng		98
10) Phenol	6.934	94	634208	38.278	ng		96
11) bis(2-Chloroethyl)ether	7.146	93	494800	37.065	ng		98
12) 1,3-Dichlorobenzene	7.610	146	494008	34.073	ng		98
13) 1,4-Dichlorobenzene	7.752	146	509675	34.647	ng		99
14) 1,2-Dichlorobenzene	8.069	146	501149	35.280	ng		99
15) Benzyl Alcohol	7.958	79	468873	43.896	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.234	45	549012	38.048	ng		99
17) 2-Methylphenol	8.163	107	464003	43.291	ng		99
18) Hexachloroethane	8.787	117	189640	35.672	ng		96
19) n-Nitroso-di-n-propyla...	8.516	70	383207	37.503	ng		98
20) 3+4-Methylphenols	8.487	107	626681	42.138	ng		98
22) Acetophenone	8.528	105	792527	40.728	ng	#	98
24) Nitrobenzene	8.910	77	554161	40.628	ng		99
25) Isophorone	9.428	82	1102338	44.169	ng		99
26) 2-Nitrophenol	9.610	139	291287	43.639	ng		97
27) 2,4-Dimethylphenol	9.675	122	527081	62.888	ng		100
28) bis(2-Chloroethoxy)met...	9.904	93	687080	40.753	ng		99
29) 2,4-Dichlorophenol	10.152	162	514725	45.042	ng		98
30) 1,2,4-Trichlorobenzene	10.352	180	487527	39.818	ng		100
31) Naphthalene	10.540	128	1574819	38.026	ng		100
32) Benzoic acid	9.828	122	378925	38.801	ng		100
33) 4-Chloroaniline	10.657	127	196379	13.465	ng		98
34) Hexachlorobutadiene	10.828	225	290418	40.364	ng		98
35) Caprolactam	11.446	113	164151	38.929	ng		98
36) 4-Chloro-3-methylphenol	11.787	107	600395	45.106	ng		98
37) 2-Methylnaphthalene	12.146	142	1054765	36.724	ng		98
38) 1-Methylnaphthalene	12.369	142	1109423	39.485	ng		100
40) 1,2,4,5-Tetrachloroben...	12.522	216	577657	44.495	ng		99
41) Hexachlorocyclopentadiene	12.504	237	735231	160.126	ng		98
43) 2,4,6-Trichlorophenol	12.769	196	418800	48.520	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	467987	48.962	ng	99
46) 1,1'-Biphenyl	13.169	154	1505321	43.380	ng	100
47) 2-Chloronaphthalene	13.210	162	1160971	44.765	ng	99
48) 2-Nitroaniline	13.416	65	364335	50.081	ng	98
49) Acenaphthylene	14.063	152	1959596	47.991	ng	100
50) Dimethylphthalate	13.798	163	1547999	45.090	ng	99
51) 2,6-Dinitrotoluene	13.916	165	343921	47.176	ng	98
52) Acenaphthene	14.410	154	1128749	43.603	ng	100
53) 3-Nitroaniline	14.251	138	233585	30.486	ng	99
54) 2,4-Dinitrophenol	14.463	184	443566	103.293	ng	93
55) Dibenzofuran	14.745	168	1822403	43.069	ng	97
56) 4-Nitrophenol	14.587	139	619546	93.624	ng	97
57) 2,4-Dinitrotoluene	14.716	165	499600	50.238	ng	98
58) Fluorene	15.404	166	1491175	45.523	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.981	232	421879	47.856	ng	99
60) Diethylphthalate	15.181	149	1585319	44.810	ng	99
61) 4-Chlorophenyl-phenyle...	15.404	204	726012	45.642	ng	98
62) 4-Nitroaniline	15.434	138	385355	47.509	ng	95
63) Azobenzene	15.698	77	1397081	42.964	ng	98
65) 4,6-Dinitro-2-methylph...	15.492	198	279236	49.084	ng	96
66) n-Nitrosodiphenylamine	15.616	169	1293473	48.025	ng	100
67) 4-Bromophenyl-phenylether	16.310	248	474794	48.110	ng	98
68) Hexachlorobenzene	16.428	284	573697	48.921	ng	97
69) Atrazine	16.598	200	460989	67.203	ng	99
70) Pentachlorophenol	16.786	266	830680	101.537	ng	99
71) Phenanthrene	17.181	178	2300738	46.738	ng	100
72) Anthracene	17.269	178	2360129	49.746	ng	99
73) Carbazole	17.557	167	2269328	48.954	ng	100
74) Di-n-butylphthalate	18.139	149	2800596	48.492	ng	100
75) Fluoranthene	19.257	202	2708288	46.259	ng	99
77) Benzidine	19.463	184	633640	51.241	ng	99
78) Pyrene	19.633	202	2836976	45.760	ng	99
80) Butylbenzylphthalate	20.586	149	1326774	49.964	ng	98
81) Benzo(a)anthracene	21.551	228	2934263	48.391	ng	100
82) 3,3'-Dichlorobenzidine	21.480	252	818606	38.464	ng	100
83) Chrysene	21.627	228	2758378	47.483	ng	99
84) Bis(2-ethylhexyl)phtha...	21.492	149	1925286	49.457	ng	99
85) Di-n-octyl phthalate	22.769	149	3213381	50.775	ng	99
87) Indeno(1,2,3-cd)pyrene	28.721	276	4137327m	51.853	ng	
88) Benzo(b)fluoranthene	23.863	252	3216137	46.685	ng	98
89) Benzo(k)fluoranthene	23.933	252	3139122	47.174	ng	99
90) Benzo(a)pyrene	24.763	252	3093609	52.060	ng	98
91) Dibenzo(a,h)anthracene	28.792	278	3404772	51.411	ng	99
92) Benzo(g,h,i)perylene	29.892	276	3356752m	49.796	ng	

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

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