Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP060925\
Data File : BP024879.D
Acq On : 09 Jun 2025 16:14
Operator : RC/JU
Sample : Q2230-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
GW-MW01-060425MS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/10/2025
Supervised By :Jagrut Upadhyay 06/10/2025

Quant Time: Jun 09 16:37:17 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.608	152	226271	20.000	ng		0.00
21) Naphthalene-d8	10.372	136	937705	20.000	ng		0.00
39) Acenaphthene-d10	14.248	164	608220	20.000	ng		0.00
64) Phenanthrene-d10	17.042	188	1235201	20.000	ng		-0.02
76) Chrysene-d12	21.471	240	1490396	20.000	ng		-0.01
86) Perylene-d12	24.713	264	1839742	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.237	112	1074133	79.239	ng		0.00
7) Phenol-d6	6.813	99	910001	50.737	ng		0.00
23) Nitrobenzene-d5	8.755	82	1746878	90.525	ng		0.00
42) 2,4,6-Tribromophenol	15.766	330	1358561	161.561	ng		-0.02
45) 2-Fluorobiphenyl	12.854	172	3865377	85.613	ng		0.00
79) Terphenyl-d14	19.772	244	6686167	80.403	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	103583	17.366	ng		98
3) Pyridine	3.567	79	219668	15.314	ng		99
4) n-Nitrosodimethylamine	3.472	42	133962	22.843	ng	#	97
6) Aniline	6.949	93	639123	27.923	ng		99
8) 2-Chlorophenol	7.184	128	670519	43.633	ng		99
9) Benzaldehyde	6.761	77	392669	37.983	ng	#	78
10) Phenol	6.837	94	339071	18.338	ng		97
11) bis(2-Chloroethyl)ether	7.043	93	715637	49.210	ng		99
12) 1,3-Dichlorobenzene	7.496	146	416765	24.311	ng		97
13) 1,4-Dichlorobenzene	7.643	146	432880	25.026	ng		99
14) 1,2-Dichlorobenzene	7.949	146	451268	26.568	ng		99
15) Benzyl Alcohol	7.855	79	501705	36.448	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.119	45	819608	43.061	ng		100
17) 2-Methylphenol	8.066	107	478615	37.069	ng		99
18) Hexachloroethane	8.666	117	155606m	23.894	ng		
19) n-Nitroso-di-n-propyla...	8.407	70	589747	48.369	ng		99
20) 3+4-Methylphenols	8.390	107	696463	39.537	ng		96
22) Acetophenone	8.425	105	1270478	53.626	ng		98
24) Nitrobenzene	8.802	77	903653	52.712	ng		100
25) Isophorone	9.319	82	1657547	49.562	ng		100
26) 2-Nitrophenol	9.502	139	428106	50.612	ng		100
27) 2,4-Dimethylphenol	9.572	122	669434	46.243	ng		99
28) bis(2-Chloroethoxy)met...	9.796	93	999092	50.080	ng		100
29) 2,4-Dichlorophenol	10.049	162	707035	50.902	ng		98
30) 1,2,4-Trichlorobenzene	10.243	180	516309	32.956	ng		98
31) Naphthalene	10.419	128	1968432	40.963	ng		99
32) Benzoic acid	9.731	122	287683	29.408	ng		97
33) 4-Chloroaniline	10.549	127	606221	30.111	ng		100
34) Hexachlorobutadiene	10.701	225	262066	27.754	ng		99
35) Caprolactam	11.384	113	57413	11.229	ng		91
36) 4-Chloro-3-methylphenol	11.696	107	778238	48.575	ng		99
37) 2-Methylnaphthalene	12.043	142	1423955	46.715	ng		100
38) 1-Methylnaphthalene	12.260	142	1532980	47.041	ng		99
40) 1,2,4,5-Tetrachloroben...	12.419	216	772203	44.743	ng		100
41) Hexachlorocyclopentadiene	12.390	237	634443	60.270	ng		98
43) 2,4,6-Trichlorophenol	12.672	196	619974	53.491	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.760	196	689722	55.567	ng		99
46) 1,1'-Biphenyl	13.066	154	2130271	48.195	ng		99
47) 2-Chloronaphthalene	13.113	162	1586923	46.713	ng		99
48) 2-Nitroaniline	13.331	65	513858	49.201	ng		98
49) Acenaphthylene	13.966	152	2758277	48.695	ng		100
50) Dimethylphthalate	13.707	163	2326607	51.855	ng		99
51) 2,6-Dinitrotoluene	13.831	165	520460	53.809	ng		98
52) Acenaphthene	14.313	154	1623696	50.024	ng		100
53) 3-Nitroaniline	14.172	138	327021	32.579	ng		97
54) 2,4-Dinitrophenol	14.390	184	631766	98.895	ng		97
55) Dibenzofuran	14.654	168	2632901	50.534	ng		99
56) 4-Nitrophenol	14.531	139	373587	46.400	ng		96
57) 2,4-Dinitrotoluene	14.637	165	781392	57.752	ng		94
58) Fluorene	15.313	166	2173195	51.633	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.895	232	614576	55.416	ng		99
60) Diethylphthalate	15.089	149	2433354	54.419	ng		98
61) 4-Chlorophenyl-phenyle...	15.307	204	1058252	51.423	ng		99
62) 4-Nitroaniline	15.354	138	410751	45.131	ng		92
63) Azobenzene	15.607	77	2201630	53.685	ng		98
65) 4,6-Dinitro-2-methylph...	15.413	198	417305	51.415	ng		98
66) n-Nitrosodiphenylamine	15.537	169	1925767	50.300	ng		100
67) 4-Bromophenyl-phenylether	16.219	248	709283	50.892	ng		99
68) Hexachlorobenzene	16.336	284	866860	51.306	ng		95
69) Atrazine	16.513	200	769920	55.473	ng		99
70) Pentachlorophenol	16.701	266	1182979	135.284	ng		99
71) Phenanthrene	17.089	178	3521952	51.597	ng		99
72) Anthracene	17.183	178	3572743	51.681	ng		100
73) Carbazole	17.466	167	3563378	55.611	ng		99
74) Di-n-butylphthalate	18.048	149	4450239	56.055	ng		100
75) Fluoranthene	19.172	202	4382489	55.394	ng		99
77) Benzidine	19.395	184	20413m	0.442	ng		
78) Pyrene	19.542	202	4596154	49.362	ng		100
80) Butylbenzylphthalate	20.501	149	2325334	54.521	ng		96
81) Benzo(a)anthracene	21.448	228	4992990	52.380	ng		100
82) 3,3'-Dichlorobenzidine	21.377	252	694512	18.352	ng		99
83) Chrysene	21.519	228	4628895	51.249	ng		99
84) Bis(2-ethylhexyl)phtha...	21.383	149	3362786	55.031	ng		99
85) Di-n-octyl phthalate	22.624	149	6039039	56.069	ng		99
87) Indeno(1,2,3-cd)pyrene	28.395	276	7251483	54.022	ng	#	94
88) Benzo(b)fluoranthene	23.695	252	5677984	53.928	ng		99
89) Benzo(k)fluoranthene	23.760	252	5461372	50.958	ng		99
90) Benzo(a)pyrene	24.565	252	5342607	51.959	ng		99
91) Dibenzo(a,h)anthracene	28.465	278	6032384	55.211	ng		100
92) Benzo(g,h,i)perylene	29.536	276	5867002	54.120	ng		99

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

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