Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050925\
Data File : BP024587.D
Acq On : 09 May 2025 12:19
Operator : RC/JU
Sample : PB167919BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB167919BS

Quant Time: May 09 13:23:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 09 12:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.699	152	149875	20.000	ng		0.00
21) Naphthalene-d8	10.475	136	587105	20.000	ng	#	0.00
39) Acenaphthene-d10	14.334	164	364359	20.000	ng		0.00
64) Phenanthrene-d10	17.145	188	698207	20.000	ng	#	0.02
76) Chrysene-d12	21.574	240	780819	20.000	ng	#	0.00
86) Perylene-d12	24.898	264	872351	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	1166374	128.677	ng		0.00
7) Phenol-d6	6.893	99	1414118	113.935	ng		0.00
23) Nitrobenzene-d5	8.852	82	881766	85.639	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	795369	157.777	ng		0.02
45) 2-Fluorobiphenyl	12.945	172	2081701	87.477	ng		0.00
79) Terphenyl-d14	19.863	244	3505964	90.504	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	139753	36.451	ng	#	93
3) Pyridine	3.664	79	344802	34.058	ng	#	90
4) n-Nitrosodimethylamine	3.575	42	168256	50.077	ng	#	70
6) Aniline	7.040	93	443434	39.982	ng		97
8) 2-Chlorophenol	7.275	128	452380	44.700	ng		99
9) Benzaldehyde	6.858	77	170684	27.801	ng		98
10) Phenol	6.922	94	517243	41.543	ng		90
11) bis(2-Chloroethyl)ether	7.134	93	385162	38.395	ng		99
12) 1,3-Dichlorobenzene	7.593	146	476405	43.726	ng		99
13) 1,4-Dichlorobenzene	7.734	146	480939	43.506	ng		99
14) 1,2-Dichlorobenzene	8.046	146	464060	43.474	ng		98
15) Benzyl Alcohol	7.946	79	360472	44.909	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.216	45	444662	41.008	ng		99
17) 2-Methylphenol	8.146	107	363984	45.191	ng		95
18) Hexachloroethane	8.763	117	182975	45.801	ng		97
19) n-Nitroso-di-n-propyla...	8.499	70	294902	38.406	ng		93
20) 3+4-Methylphenols	8.475	107	488912	43.747	ng		98
22) Acetophenone	8.516	105	633004	43.562	ng	#	96
24) Nitrobenzene	8.893	77	445986	43.786	ng		98
25) Isophorone	9.410	82	829621	44.515	ng		97
26) 2-Nitrophenol	9.593	139	238699	47.887	ng	#	92
27) 2,4-Dimethylphenol	9.657	122	410148	65.532	ng		97
28) bis(2-Chloroethoxy)met...	9.887	93	506653	40.243	ng		98
29) 2,4-Dichlorophenol	10.134	162	411411	48.209	ng		99
30) 1,2,4-Trichlorobenzene	10.334	180	427524	46.758	ng		98
31) Naphthalene	10.516	128	1310782	42.384	ng		99
32) Benzoic acid	9.834	122	264340	36.246	ng		98
33) 4-Chloroaniline	10.646	127	308127	28.292	ng		98
34) Hexachlorobutadiene	10.804	225	277350	51.620	ng		100
35) Caprolactam	11.440	113	134736	42.789	ng		96
36) 4-Chloro-3-methylphenol	11.781	107	470361	47.320	ng		99
37) 2-Methylnaphthalene	12.134	142	840391	39.183	ng		96
38) 1-Methylnaphthalene	12.357	142	882786	42.073	ng		99
40) 1,2,4,5-Tetrachloroben...	12.510	216	478602	47.765	ng		98
41) Hexachlorocyclopentadiene	12.487	237	683633	192.911	ng		98
43) 2,4,6-Trichlorophenol	12.757	196	337480	50.659	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	368418	49.941	ng		99
46) 1,1'-Biphenyl	13.157	154	1189055	44.397	ng		98
47) 2-Chloronaphthalene	13.204	162	909691	45.447	ng		98
48) 2-Nitroaniline	13.410	65	278775	49.650	ng		97
49) Acenaphthylene	14.051	152	1536390	48.751	ng		99
50) Dimethylphthalate	13.793	163	1207014	45.553	ng		99
51) 2,6-Dinitrotoluene	13.916	165	265171	47.128	ng		91
52) Acenaphthene	14.398	154	872170	43.653	ng		99
53) 3-Nitroaniline	14.251	138	228658	38.667	ng		97
54) 2,4-Dinitrophenol	14.469	184	337224	101.748	ng		89
55) Dibenzofuran	14.745	168	1373299	42.051	ng		95
56) 4-Nitrophenol	14.598	139	453871	88.867	ng		92
57) 2,4-Dinitrotoluene	14.710	165	383023	49.904	ng		95
58) Fluorene	15.404	166	1126983	44.578	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.981	232	320667	47.130	ng		97
60) Diethylphthalate	15.181	149	1226527	44.919	ng		99
61) 4-Chlorophenyl-phenyle...	15.398	204	565828	46.090	ng		97
62) 4-Nitroaniline	15.445	138	285484m	45.603	ng		
63) Azobenzene	15.698	77	1048180	41.765	ng		95
65) 4,6-Dinitro-2-methylph...	15.498	198	217919	49.505	ng		94
66) n-Nitrosodiphenylamine	15.622	169	990873	47.547	ng		99
67) 4-Bromophenyl-phenylether	16.316	248	384681	50.376	ng		99
68) Hexachlorobenzene	16.439	284	474366	52.278	ng		99
69) Atrazine	16.604	200	363348	68.456	ng		98
70) Pentachlorophenol	16.792	266	638678	100.894	ng		99
71) Phenanthrene	17.186	178	1741246	45.715	ng		100
72) Anthracene	17.281	178	1788203	48.712	ng		99
73) Carbazole	17.563	167	1667584	46.491	ng		99
74) Di-n-butylphthalate	18.151	149	2105286	47.111	ng		99
75) Fluoranthene	19.269	202	2080078	45.917	ng		97
77) Benzidine	19.469	184	1103493	111.492	ng		99
78) Pyrene	19.645	202	2125316	42.830	ng		99
80) Butylbenzylphthalate	20.592	149	980831	46.147	ng		95
81) Benzo(a)anthracene	21.551	228	2206484	45.464	ng		100
82) 3,3'-Dichlorobenzidine	21.480	252	581254	34.122	ng		99
83) Chrysene	21.622	228	2078504	44.702	ng		99
84) Bis(2-ethylhexyl)phtha...	21.486	149	1415629	45.434	ng		99
85) Di-n-octyl phthalate	22.751	149	2370198	46.792	ng		100
87) Indeno(1,2,3-cd)pyrene	28.656	276	2976994	49.156	ng		97
88) Benzo(b)fluoranthene	23.845	252	2335012	44.655	ng	#	96
89) Benzo(k)fluoranthene	23.910	252	2302361	45.583	ng	#	97
90) Benzo(a)pyrene	24.745	252	2210642	49.011	ng		98
91) Dibenzo(a,h)anthracene	28.733	278	2446246	48.664	ng	#	96
92) Benzo(g,h,i)perylene	29.821	276	2383662	46.587	ng	#	94

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

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