Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP061825\
Data File : BP024990.D
Acq On : 18 Jun 2025 11:58
Operator : RC/JU
Sample : PB168509BSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB168509BSD

Quant Time: Jun 18 12:31:52 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	7.602	152	299910	20.000	ng		-0.01
21) Naphthalene-d8	10.372	136	1166185	20.000	ng		0.00
39) Acenaphthene-d10	14.254	164	733128	20.000	ng		0.00
64) Phenanthrene-d10	17.066	188	1403510	20.000	ng		0.00
76) Chrysene-d12	21.507	240	1366565	20.000	ng		0.02
86) Perylene-d12	24.766	264	1569185	20.000	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.237	112	2484145	138.259	ng		0.00
7) Phenol-d6	6.819	99	3107179	130.704	ng		0.00
23) Nitrobenzene-d5	8.761	82	1911090	79.632	ng		0.00
42) 2,4,6-Tribromophenol	15.790	330	1418398	139.938	ng		0.00
45) 2-Fluorobiphenyl	12.860	172	4232186	77.766	ng		0.00
79) Terphenyl-d14	19.795	244	6553125	85.944	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.167	88	284045	35.929	ng		99
3) Pyridine	3.561	79	743327	39.096	ng		99
4) n-Nitrosodimethylamine	3.478	42	328630	42.279	ng		92
6) Aniline	6.949	93	1235775	40.734	ng		100
8) 2-Chlorophenol	7.184	128	941400	46.219	ng		99
9) Benzaldehyde	6.767	77	633247	46.215	ng		99
10) Phenol	6.843	94	1117619	45.604	ng		97
11) bis(2-Chloroethyl)ether	7.043	93	844984	43.838	ng		100
12) 1,3-Dichlorobenzene	7.496	146	970740	42.722	ng		98
13) 1,4-Dichlorobenzene	7.637	146	984634	42.947	ng		100
14) 1,2-Dichlorobenzene	7.949	146	950737	42.230	ng		99
15) Benzyl Alcohol	7.861	79	803144	44.020	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.119	45	1073541	42.553	ng		99
17) 2-Methylphenol	8.072	107	766377	44.782	ng		98
18) Hexachloroethane	8.661	117	368133	42.649	ng		96
19) n-Nitroso-di-n-propyla...	8.408	70	651176	40.293	ng		99
20) 3+4-Methylphenols	8.396	107	1028161	44.036	ng		96
22) Acetophenone	8.425	105	1302962	44.222	ng	#	99
24) Nitrobenzene	8.802	77	971781	45.580	ng		97
25) Isophorone	9.319	82	1812664	43.581	ng		100
26) 2-Nitrophenol	9.508	139	499027	47.438	ng		97
27) 2,4-Dimethylphenol	9.578	122	854286	47.451	ng		98
28) bis(2-Chloroethoxy)met...	9.796	93	1119193	45.109	ng		98
29) 2,4-Dichlorophenol	10.055	162	850742	49.248	ng		99
30) 1,2,4-Trichlorobenzene	10.243	180	854980	43.881	ng		99
31) Naphthalene	10.425	128	2621431	43.864	ng		100
32) Benzoic acid	9.790	122	624830	51.358	ng		100
33) 4-Chloroaniline	10.555	127	1047248	41.826	ng		99
34) Hexachlorobutadiene	10.696	225	525402	44.741	ng		100
35) Caprolactam	11.366	113	308074	48.449	ng		99
36) 4-Chloro-3-methylphenol	11.707	107	972619	48.814	ng		99
37) 2-Methylnaphthalene	12.043	142	1675151	44.189	ng		100
38) 1-Methylnaphthalene	12.266	142	1757465	43.363	ng		99
40) 1,2,4,5-Tetrachloroben...	12.419	216	927674	44.594	ng		99
41) Hexachlorocyclopentadiene	12.390	237	1047895	82.587	ng		99
43) 2,4,6-Trichlorophenol	12.678	196	681683	48.794	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	748555	50.032	ng	97
46) 1,1'-Biphenyl	13.072	154	2383854	44.744	ng	100
47) 2-Chloronaphthalene	13.113	162	1819971	44.445	ng	99
48) 2-Nitroaniline	13.343	65	627063	49.810	ng	98
49) Acenaphthylene	13.972	152	3099280	45.393	ng	99
50) Dimethylphthalate	13.713	163	2498151	46.192	ng	100
51) 2,6-Dinitrotoluene	13.843	165	560816	48.102	ng	98
52) Acenaphthene	14.319	154	1758762	44.953	ng	99
53) 3-Nitroaniline	14.190	138	543051	44.884	ng	95
54) 2,4-Dinitrophenol	14.413	184	742251	96.535	ng	95
55) Dibenzofuran	14.666	168	2803128	44.634	ng	99
56) 4-Nitrophenol	14.560	139	815107	79.606	ng	97
57) 2,4-Dinitrotoluene	14.654	165	799291	49.010	ng	96
58) Fluorene	15.325	166	2275415	44.851	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.913	232	645957	48.322	ng	99
60) Diethylphthalate	15.095	149	2563286	47.558	ng	98
61) 4-Chlorophenyl-phenyle...	15.319	204	1141757	46.028	ng	96
62) 4-Nitroaniline	15.378	138	568319	51.805	ng	93
63) Azobenzene	15.619	77	2344933	47.437	ng	99
65) 4,6-Dinitro-2-methylph...	15.443	198	460759	49.961	ng	99
66) n-Nitrosodiphenylamine	15.548	169	2088138	48.001	ng	99
67) 4-Bromophenyl-phenylether	16.237	248	758651	47.906	ng	98
68) Hexachlorobenzene	16.360	284	890805	46.401	ng	98
69) Atrazine	16.537	200	786664	49.882	ng	99
70) Pentachlorophenol	16.725	266	1096155	110.322	ng	99
71) Phenanthrene	17.113	178	3580172	46.160	ng	99
72) Anthracene	17.207	178	3659978	46.594	ng	99
73) Carbazole	17.495	167	3477343	47.760	ng	100
74) Di-n-butylphthalate	18.072	149	4364669	48.384	ng	100
75) Fluoranthene	19.207	202	4111368	45.735	ng	99
77) Benzidine	19.407	184	3332482	78.736	ng	100
78) Pyrene	19.584	202	4274371	50.066	ng	100
80) Butylbenzylphthalate	20.531	149	1996163	51.044	ng	97
81) Benzo(a)anthracene	21.489	228	4162196	47.621	ng	100
82) 3,3'-Dichlorobenzidine	21.407	252	1476481	42.551	ng	98
83) Chrysene	21.554	228	3811592	46.024	ng	99
84) Bis(2-ethylhexyl)phtha...	21.413	149	2841879	50.721	ng	100
85) Di-n-octyl phthalate	22.654	149	4930399	49.924	ng	99
87) Indeno(1,2,3-cd)pyrene	28.495	276	5516053	48.179	ng	99
88) Benzo(b)fluoranthene	23.748	252	4287694	47.745	ng	99
89) Benzo(k)fluoranthene	23.813	252	4251992	46.514	ng	99
90) Benzo(a)pyrene	24.624	252	4192073	47.799	ng	100
91) Dibenzo(a,h)anthracene	28.548	278	4526985	48.577	ng	99
92) Benzo(g,h,i)perylene	29.654	276	4442192	48.042	ng	98

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

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