Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080125\
Data File : BP025291.D
Acq On : 01 Aug 2025 12:54
Operator : CG/JU
Sample : PB169072BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169072BS

Quant Time: Aug 01 13:11:51 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 29 15:28:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.396	152	458531	20.000	ng		0.00
21) Naphthalene-d8	10.131	136	1743434	20.000	ng		-0.01
39) Acenaphthene-d10	14.043	164	1053281	20.000	ng		0.00
64) Phenanthrene-d10	16.866	188	2019598	20.000	ng		-0.01
76) Chrysene-d12	21.289	240	2056319	20.000	ng		-0.02
86) Perylene-d12	24.383	264	2317878	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	3289480	121.214	ng		0.00
7) Phenol-d6	6.643	99	3935157	117.079	ng		0.00
23) Nitrobenzene-d5	8.531	82	2430592	77.477	ng		0.00
42) 2,4,6-Tribromophenol	15.572	330	1748915	112.632	ng		0.00
45) 2-Fluorobiphenyl	12.643	172	5891315	78.855	ng		0.00
79) Terphenyl-d14	19.613	244	8537134	81.955	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.096	88	381694	37.528	ng		97
3) Pyridine	3.478	79	1025612	37.670	ng		95
4) n-Nitrosodimethylamine	3.390	42	507630	47.015	ng		89
6) Aniline	6.761	93	1052161	23.948	ng		99
8) 2-Chlorophenol	6.996	128	1332487	43.275	ng		99
9) Benzaldehyde	6.566	77	611470	26.832	ng		97
10) Phenol	6.672	94	1494859	42.885	ng		97
11) bis(2-Chloroethyl)ether	6.849	93	1258877	47.107	ng		98
12) 1,3-Dichlorobenzene	7.284	146	1448432	41.830	ng		99
13) 1,4-Dichlorobenzene	7.431	146	1483442	42.442	ng		99
14) 1,2-Dichlorobenzene	7.737	146	1414411	42.066	ng		100
15) Benzyl Alcohol	7.655	79	967648	39.912	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.919	45	1491294	43.614	ng		99
17) 2-Methylphenol	7.872	107	1029154	42.587	ng		98
18) Hexachloroethane	8.443	117	519975	43.260	ng		97
19) n-Nitroso-di-n-propyla...	8.202	70	826317	40.866	ng		97
20) 3+4-Methylphenols	8.208	107	1367711	41.491	ng	#	48
22) Acetophenone	8.208	105	1786358	44.033	ng	#	92
24) Nitrobenzene	8.572	77	1268021	45.342	ng		95
25) Isophorone	9.102	82	2295264	41.605	ng		99
26) 2-Nitrophenol	9.272	139	695351	43.299	ng		97
27) 2,4-Dimethylphenol	9.366	122	1168894	43.498	ng		97
28) bis(2-Chloroethoxy)met...	9.572	93	1476364	42.784	ng		99
29) 2,4-Dichlorophenol	9.843	162	1208278	43.767	ng		98
30) 1,2,4-Trichlorobenzene	10.002	180	1284545	42.600	ng		100
31) Naphthalene	10.184	128	3825602	42.881	ng		99
32) Benzoic acid	9.584	122	674862m	32.896	ng		
33) 4-Chloroaniline	10.319	127	1060762	27.049	ng		99
34) Hexachlorobutadiene	10.472	225	779515	42.951	ng		99
35) Caprolactam	11.149	113	356601	38.919	ng		88
36) 4-Chloro-3-methylphenol	11.496	107	1180347	42.771	ng		98
37) 2-Methylnaphthalene	11.807	142	2445127	42.208	ng		99
38) 1-Methylnaphthalene	12.025	142	2527052	41.528	ng		100
40) 1,2,4,5-Tetrachloroben...	12.190	216	1408102	44.600	ng		99
41) Hexachlorocyclopentadiene	12.166	237	1593543	84.553	ng		100
43) 2,4,6-Trichlorophenol	12.454	196	950968	44.083	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.572	196	1036502	43.662	ng		97
46) 1,1'-Biphenyl	12.843	154	3430979	44.935	ng		99
47) 2-Chloronaphthalene	12.884	162	2631129	44.137	ng		99
48) 2-Nitroaniline	13.113	65	711861	46.761	ng		97
49) Acenaphthylene	13.748	152	4352566	45.143	ng		99
50) Dimethylphthalate	13.507	163	3308110	43.916	ng		99
51) 2,6-Dinitrotoluene	13.619	165	721880	44.105	ng		92
52) Acenaphthene	14.101	154	2461452	44.148	ng		99
53) 3-Nitroaniline	13.972	138	700915	37.975	ng		100
54) 2,4-Dinitrophenol	14.184	184	870001	89.713	ng		95
55) Dibenzofuran	14.448	168	3889025	43.183	ng		95
56) 4-Nitrophenol	14.384	139	708220	44.841	ng		90
57) 2,4-Dinitrotoluene	14.443	165	1040294	45.406	ng	#	81
58) Fluorene	15.119	166	3186679	44.570	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.707	232	875850	41.690	ng		98
60) Diethylphthalate	14.913	149	3257141	43.871	ng		100
61) 4-Chlorophenyl-phenyle...	15.119	204	1594118	44.124	ng		95
62) 4-Nitroaniline	15.166	138	692624	36.898	ng		95
63) Azobenzene	15.425	77	2794629	46.191	ng		95
65) 4,6-Dinitro-2-methylph...	15.219	198	605506	46.457	ng		98
66) n-Nitrosodiphenylamine	15.342	169	2754161	44.929	ng		99
67) 4-Bromophenyl-phenylether	16.031	248	1020554	43.299	ng		97
68) Hexachlorobenzene	16.148	284	1219028	43.551	ng		94
69) Atrazine	16.342	200	912320	40.219	ng		99
70) Pentachlorophenol	16.531	266	1418018	74.499	ng		99
71) Phenanthrene	16.907	178	4867240	44.684	ng		100
72) Anthracene	16.995	178	4976030	45.347	ng		100
73) Carbazole	17.295	167	4630289	44.202	ng		99
74) Di-n-butylphthalate	17.895	149	5549248	45.912	ng		99
75) Fluoranthene	19.007	202	5661043	44.159	ng		98
77) Benzidine	19.219	184	2442060	33.827	ng		99
78) Pyrene	19.383	202	5867543	46.278	ng		99
80) Butylbenzylphthalate	20.372	149	2559513	44.596	ng		96
81) Benzo(a)anthracene	21.272	228	5842058	44.988	ng		99
82) 3,3'-Dichlorobenzidine	21.213	252	1801677	33.471	ng		99
83) Chrysene	21.336	228	5462560	45.063	ng		99
84) Bis(2-ethylhexyl)phtha...	21.242	149	3791191	46.197	ng		99
85) Di-n-octyl phthalate	22.448	149	6475967	45.698	ng		99
87) Indeno(1,2,3-cd)pyrene	27.901	276	7926770m	46.797	ng		
88) Benzo(b)fluoranthene	23.424	252	6219256	46.875	ng		99
89) Benzo(k)fluoranthene	23.489	252	6149817	46.951	ng		100
90) Benzo(a)pyrene	24.248	252	6010490	46.431	ng		100
91) Dibenzo(a,h)anthracene	27.977	278	6570740	47.548	ng		99
92) Benzo(g,h,i)perylene	28.954	276	6415982	47.243	ng		99

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

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