Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091825\
Data File : BP025790.D
Acq On : 18 Sep 2025 20:50
Operator : CG/JU
Sample : PB169740BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169740BS

Quant Time: Sep 19 03:57:05 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.755	152	180948	20.000	ng	0.00
21) Naphthalene-d8	10.519	136	712374	20.000	ng	0.00
39) Acenaphthene-d10	14.366	164	472237	20.000	ng	-0.01
64) Phenanthrene-d10	17.166	188	949560	20.000	ng	-0.02
76) Chrysene-d12	21.607	240	893799	20.000	ng	-0.04
86) Perylene-d12	24.965	264	901474	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1313136	117.095	ng	0.00
7) Phenol-d6	6.943	99	1677317	112.528	ng	0.00
23) Nitrobenzene-d5	8.896	82	1135257	70.296	ng	0.00
42) 2,4,6-Tribromophenol	15.884	330	638267	108.361	ng	-0.02
45) 2-Fluorobiphenyl	12.978	172	2449701	69.071	ng	-0.01
79) Terphenyl-d14	19.889	244	3715292	74.779	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	161836	34.384	ng	99
3) Pyridine	3.702	79	439384	33.903	ng	99
4) n-Nitrosodimethylamine	3.608	42	251134	41.065	ng	96
6) Aniline	7.090	93	603787	29.508	ng	99
8) 2-Chlorophenol	7.331	128	521188	42.364	ng	99
9) Benzaldehyde	6.908	77	181101	20.270	ng	97
10) Phenol	6.972	94	658885	41.921	ng	99
11) bis(2-Chloroethyl)ether	7.184	93	518229	41.039	ng	97
12) 1,3-Dichlorobenzene	7.643	146	561058	40.071	ng	99
13) 1,4-Dichlorobenzene	7.790	146	568612	39.867	ng	98
14) 1,2-Dichlorobenzene	8.102	146	549822	39.682	ng	100
15) Benzyl Alcohol	7.990	79	472496	38.361	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.272	45	862702	41.776	ng	99
17) 2-Methylphenol	8.196	107	443545	41.857	ng	98
18) Hexachloroethane	8.819	117	220315	40.440	ng	97
19) n-Nitroso-di-n-propyla...	8.549	70	405650	39.018	ng	98
20) 3+4-Methylphenols	8.519	107	599842	40.419	ng	99
22) Acetophenone	8.566	105	776766	40.802	ng	99
24) Nitrobenzene	8.937	77	604089	41.696	ng	98
25) Isophorone	9.466	82	1126456	39.684	ng	99
26) 2-Nitrophenol	9.643	139	267719	41.621	ng	95
27) 2,4-Dimethylphenol	9.707	122	485078	42.986	ng	100
28) bis(2-Chloroethoxy)met...	9.931	93	691786	42.161	ng	99
29) 2,4-Dichlorophenol	10.178	162	486069	43.201	ng	99
30) 1,2,4-Trichlorobenzene	10.384	180	519688	40.984	ng	99
31) Naphthalene	10.566	128	1541369	40.128	ng	99
32) Benzoic acid	9.878	122	353827	42.174	ng	98
33) 4-Chloroaniline	10.684	127	413150	25.806	ng	99
34) Hexachlorobutadiene	10.854	225	332929	40.786	ng	100
35) Caprolactam	11.478	113	171778	39.606	ng	99
36) 4-Chloro-3-methylphenol	11.813	107	564733	42.100	ng	97
37) 2-Methylnaphthalene	12.178	142	1006063	40.779	ng	100
38) 1-Methylnaphthalene	12.396	142	1050460	39.928	ng	100
40) 1,2,4,5-Tetrachloroben...	12.549	216	583064	40.745	ng	99
41) Hexachlorocyclopentadiene	12.525	237	595821	76.448	ng	98
43) 2,4,6-Trichlorophenol	12.796	196	410222	43.606	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.872	196	458711	43.813	ng		98
46) 1,1'-Biphenyl	13.190	154	1446006	41.717	ng		99
47) 2-Chloronaphthalene	13.231	162	1113744	40.807	ng		99
48) 2-Nitroaniline	13.437	65	396510	43.582	ng		98
49) Acenaphthylene	14.084	152	1856420	41.051	ng		100
50) Dimethylphthalate	13.819	163	1501495	41.646	ng		100
51) 2,6-Dinitrotoluene	13.937	165	328582	43.016	ng		96
52) Acenaphthene	14.431	154	1069048	40.993	ng		99
53) 3-Nitroaniline	14.278	138	268088	33.375	ng		98
54) 2,4-Dinitrophenol	14.490	184	394418	79.452	ng		97
55) Dibenzofuran	14.772	168	1721873	40.511	ng		99
56) 4-Nitrophenol	14.613	139	553428	80.006	ng		97
57) 2,4-Dinitrotoluene	14.743	165	472177	43.436	ng		95
58) Fluorene	15.431	166	1347515	39.869	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.007	232	400668	42.482	ng		99
60) Diethylphthalate	15.201	149	1534494	41.959	ng		100
61) 4-Chlorophenyl-phenyle...	15.425	204	675988	39.686	ng		100
62) 4-Nitroaniline	15.460	138	348219	42.316	ng		99
63) Azobenzene	15.725	77	1483037	41.939	ng		99
65) 4,6-Dinitro-2-methylph...	15.519	198	273581	43.323	ng		98
66) n-Nitrosodiphenylamine	15.642	169	1257137	43.262	ng		99
67) 4-Bromophenyl-phenylether	16.337	248	441813	42.353	ng		98
68) Hexachlorobenzene	16.460	284	478809	41.159	ng		98
69) Atrazine	16.619	200	468438	42.173	ng		96
70) Pentachlorophenol	16.819	266	645331	84.051	ng		98
71) Phenanthrene	17.213	178	2251855	41.806	ng		99
72) Anthracene	17.307	178	2278377	41.688	ng		100
73) Carbazole	17.589	167	2181387	42.932	ng		100
74) Di-n-butylphthalate	18.172	149	2665087	42.742	ng		100
75) Fluoranthene	19.295	202	2667154	41.287	ng		99
77) Benzidine	19.495	184	866934	33.672	ng		99
78) Pyrene	19.672	202	2776012	46.547	ng		99
80) Butylbenzylphthalate	20.613	149	1234861	47.223	ng		97
81) Benzo(a)anthracene	21.589	228	2622916	42.865	ng		100
82) 3,3'-Dichlorobenzidine	21.507	252	728234	34.419	ng		99
83) Chrysene	21.654	228	2514350	43.105	ng		99
84) Bis(2-ethylhexyl)phtha...	21.525	149	1750475	45.755	ng		99
85) Di-n-octyl phthalate	22.801	149	2962676	43.535	ng		99
87) Indeno(1,2,3-cd)pyrene	28.789	276	3123069	47.639	ng	#	84
88) Benzo(b)fluoranthene	23.913	252	2528927	45.875	ng		99
89) Benzo(k)fluoranthene	23.977	252	2510146	44.622	ng		100
90) Benzo(a)pyrene	24.807	252	2452076	45.421	ng		99
91) Dibenzo(a,h)anthracene	28.871	278	2585677	48.198	ng		99
92) Benzo(g,h,i)perylene	30.001	276	2570732	48.726	ng		99

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

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