Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082625\
Data File : BP025581.D
Acq On : 26 Aug 2025 11:44
Operator : CG/JU
Sample : PB169362BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169362BS

Quant Time: Aug 26 12:07:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.778	152	256194	20.000	ng		-0.02
21) Naphthalene-d8	10.549	136	1004578	20.000	ng		-0.01
39) Acenaphthene-d10	14.407	164	636349	20.000	ng		0.00
64) Phenanthrene-d10	17.195	188	1239646	20.000	ng		0.00
76) Chrysene-d12	21.630	240	1177566	20.000	ng		-0.02
86) Perylene-d12	24.989	264	1318341	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.414	112	1791887	116.154	ng		0.00
7) Phenol-d6	6.972	99	2226832	112.588	ng		0.00
23) Nitrobenzene-d5	8.925	82	1431478	72.082	ng		-0.01
42) 2,4,6-Tribromophenol	15.919	330	1021885	119.305	ng		0.00
45) 2-Fluorobiphenyl	13.013	172	3299304	70.859	ng		0.00
79) Terphenyl-d14	19.919	244	4858385	75.484	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	211063	34.929	ng		98
3) Pyridine	3.726	79	587186	35.502	ng		97
4) n-Nitrosodimethylamine	3.631	42	280989	41.209	ng		97
6) Aniline	7.114	93	795779	29.862	ng		97
8) 2-Chlorophenol	7.355	128	723872	41.581	ng		98
9) Benzaldehyde	6.931	77	317953	22.945	ng		97
10) Phenol	7.002	94	864737	41.666	ng		99
11) bis(2-Chloroethyl)ether	7.208	93	648453	40.087	ng		99
12) 1,3-Dichlorobenzene	7.672	146	767314	39.973	ng		100
13) 1,4-Dichlorobenzene	7.814	146	784585	39.989	ng		99
14) 1,2-Dichlorobenzene	8.125	146	755735	39.791	ng		99
15) Benzyl Alcohol	8.014	79	617462	39.290	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.302	45	860354	39.703	ng		100
17) 2-Methylphenol	8.231	107	591057	41.006	ng		99
18) Hexachloroethane	8.855	117	291012	40.340	ng		95
19) n-Nitroso-di-n-propyla...	8.578	70	477539	36.451	ng		99
20) 3+4-Methylphenols	8.555	107	794684	39.774	ng		99
22) Acetophenone	8.596	105	1002924	39.810	ng	#	99
24) Nitrobenzene	8.966	77	730033	41.133	ng		99
25) Isophorone	9.490	82	1378210	39.215	ng		98
26) 2-Nitrophenol	9.666	139	389055	42.713	ng		97
27) 2,4-Dimethylphenol	9.737	122	662704	42.307	ng		99
28) bis(2-Chloroethoxy)met...	9.961	93	850880	40.052	ng		99
29) 2,4-Dichlorophenol	10.208	162	673024	43.252	ng		98
30) 1,2,4-Trichlorobenzene	10.413	180	685300	40.176	ng		99
31) Naphthalene	10.602	128	2075445	39.749	ng		99
32) Benzoic acid	9.908	122	524790	45.380	ng		98
33) 4-Chloroaniline	10.708	127	551600	23.916	ng		99
34) Hexachlorobutadiene	10.878	225	433221	40.781	ng		100
35) Caprolactam	11.502	113	225808	39.576	ng		97
36) 4-Chloro-3-methylphenol	11.843	107	755078	42.289	ng		98
37) 2-Methylnaphthalene	12.207	142	1339301	39.416	ng		98
38) 1-Methylnaphthalene	12.425	142	1381572	38.233	ng		99
40) 1,2,4,5-Tetrachloroben...	12.578	216	771235	41.964	ng		99
41) Hexachlorocyclopentadiene	12.560	237	899638	81.039	ng		99
43) 2,4,6-Trichlorophenol	12.819	196	546655	44.058	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.902	196	606774	44.621	ng		99
46) 1,1'-Biphenyl	13.219	154	1931665	41.797	ng		99
47) 2-Chloronaphthalene	13.266	162	1472263	40.921	ng		99
48) 2-Nitroaniline	13.466	65	461040	43.979	ng		98
49) Acenaphthylene	14.119	152	2435658	40.912	ng		100
50) Dimethylphthalate	13.854	163	1911307	41.016	ng		100
51) 2,6-Dinitrotoluene	13.972	165	426287	43.402	ng		99
52) Acenaphthene	14.466	154	1380494	39.505	ng		98
53) 3-Nitroaniline	14.307	138	345007	31.221	ng		97
54) 2,4-Dinitrophenol	14.519	184	533837	101.778	ng		95
55) Dibenzofuran	14.801	168	2222480	40.227	ng		99
56) 4-Nitrophenol	14.643	139	745489	82.098	ng		95
57) 2,4-Dinitrotoluene	14.766	165	611705	43.652	ng		96
58) Fluorene	15.460	166	1754062	40.236	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.037	232	516718	43.035	ng		99
60) Diethylphthalate	15.237	149	1963954	41.478	ng		99
61) 4-Chlorophenyl-phenyle...	15.460	204	869582	40.107	ng		99
62) 4-Nitroaniline	15.484	138	465461	41.087	ng		98
63) Azobenzene	15.766	77	1705622	42.069	ng		99
65) 4,6-Dinitro-2-methylph...	15.543	198	360561	46.660	ng		97
66) n-Nitrosodiphenylamine	15.684	169	1617614	42.792	ng		99
67) 4-Bromophenyl-phenylether	16.378	248	576012	42.249	ng		100
68) Hexachlorobenzene	16.495	284	664199	42.026	ng		98
69) Atrazine	16.660	200	590609	41.719	ng		100
70) Pentachlorophenol	16.843	266	866823	86.886	ng		96
71) Phenanthrene	17.242	178	2783407	40.874	ng		99
72) Anthracene	17.337	178	2880596	41.423	ng		100
73) Carbazole	17.613	167	2673601	40.817	ng		100
74) Di-n-butylphthalate	18.201	149	3353500	41.612	ng		99
75) Fluoranthene	19.319	202	3247240	39.976	ng		99
77) Benzidine	19.519	184	1596713	39.731	ng		99
78) Pyrene	19.695	202	3319660	43.373	ng		99
80) Butylbenzylphthalate	20.642	149	1537154	44.314	ng		99
81) Benzo(a)anthracene	21.607	228	3274508	42.164	ng		99
82) 3,3'-Dichlorobenzidine	21.536	252	934179	31.914	ng		99
83) Chrysene	21.678	228	3029858	41.659	ng		99
84) Bis(2-ethylhexyl)phtha...	21.554	149	2179550	42.684	ng		100
85) Di-n-octyl phthalate	22.836	149	3839151	43.711	ng		99
87) Indeno(1,2,3-cd)pyrene	28.854	276	4001108	41.384	ng	#	95
88) Benzo(b)fluoranthene	23.948	252	3243383	41.722	ng		99
89) Benzo(k)fluoranthene	24.019	252	3250836	41.789	ng		99
90) Benzo(a)pyrene	24.848	252	3144868	41.559	ng		99
91) Dibenzo(a,h)anthracene	28.918	278	3304493	41.824	ng		98
92) Benzo(g,h,i)perylene	30.024	276	3213416	41.376	ng		99

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

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