Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025643.D
Acq On : 02 Sep 2025 18:19
Operator : CG/JU
Sample : PB169490BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169490BS

Quant Time: Sep 03 01:02:55 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	7.772	152	138252	20.000	ng		-0.02
21) Naphthalene-d8	10.537	136	552989	20.000	ng		-0.02
39) Acenaphthene-d10	14.384	164	359421	20.000	ng		-0.02
64) Phenanthrene-d10	17.178	188	750779	20.000	ng		-0.02
76) Chrysene-d12	21.630	240	817465	20.000	ng		-0.02
86) Perylene-d12	25.001	264	926416	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.402	112	1120556	134.602	ng		0.00
7) Phenol-d6	6.966	99	1381641	129.449	ng		0.00
23) Nitrobenzene-d5	8.913	82	913792	83.591	ng		-0.02
42) 2,4,6-Tribromophenol	15.895	330	699158	144.519	ng		-0.02
45) 2-Fluorobiphenyl	12.996	172	2147339	81.652	ng		-0.02
79) Terphenyl-d14	19.901	244	3660903	81.935	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.320	88	124536	38.191	ng		96
3) Pyridine	3.714	79	357764	40.084	ng		94
4) n-Nitrosodimethylamine	3.620	42	186674	50.732	ng		91
6) Aniline	7.108	93	509534	35.432	ng		98
8) 2-Chlorophenol	7.349	128	456853	48.631	ng		98
9) Benzaldehyde	6.925	77	187420	25.063	ng		97
10) Phenol	6.990	94	540056	48.221	ng		98
11) bis(2-Chloroethyl)ether	7.202	93	416119	47.670	ng		99
12) 1,3-Dichlorobenzene	7.661	146	487999	47.110	ng		96
13) 1,4-Dichlorobenzene	7.808	146	494417	46.697	ng		99
14) 1,2-Dichlorobenzene	8.119	146	478558	46.693	ng		99
15) Benzyl Alcohol	8.008	79	398744	47.018	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.290	45	580495	49.642	ng		97
17) 2-Methylphenol	8.219	107	374378	48.131	ng		99
18) Hexachloroethane	8.837	117	188805	48.500	ng		99
19) n-Nitroso-di-n-propyla...	8.566	70	320966	45.400	ng		96
20) 3+4-Methylphenols	8.543	107	497750	46.165	ng		95
22) Acetophenone	8.584	105	665460	47.986	ng	#	97
24) Nitrobenzene	8.955	77	474485	48.566	ng		98
25) Isophorone	9.478	82	907986	46.933	ng		99
26) 2-Nitrophenol	9.660	139	250563	49.973	ng		98
27) 2,4-Dimethylphenol	9.725	122	417443	48.413	ng		98
28) bis(2-Chloroethoxy)met...	9.949	93	548944	46.940	ng		98
29) 2,4-Dichlorophenol	10.196	162	425969	49.731	ng		97
30) 1,2,4-Trichlorobenzene	10.402	180	442104	47.084	ng		99
31) Naphthalene	10.590	128	1351381	47.018	ng		100
32) Benzoic acid	9.890	122	341124	53.587	ng		99
33) 4-Chloroaniline	10.696	127	321432	25.318	ng		99
34) Hexachlorobutadiene	10.872	225	288397	49.318	ng		99
35) Caprolactam	11.496	113	154376	49.151	ng		99
36) 4-Chloro-3-methylphenol	11.831	107	493029	50.162	ng		95
37) 2-Methylnaphthalene	12.196	142	873424	46.696	ng		99
38) 1-Methylnaphthalene	12.413	142	909488	45.723	ng		100
40) 1,2,4,5-Tetrachloroben...	12.566	216	501988	48.359	ng		99
41) Hexachlorocyclopentadiene	12.543	237	566065	90.278	ng		99
43) 2,4,6-Trichlorophenol	12.807	196	355841	50.777	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.890	196	393559	51.241	ng		99
46) 1,1'-Biphenyl	13.207	154	1250837	47.919	ng		98
47) 2-Chloronaphthalene	13.248	162	957373	47.112	ng		99
48) 2-Nitroaniline	13.454	65	316460	53.446	ng		96
49) Acenaphthylene	14.101	152	1613684	47.990	ng		100
50) Dimethylphthalate	13.837	163	1301867	49.463	ng		100
51) 2,6-Dinitrotoluene	13.948	165	285785	51.516	ng		92
52) Acenaphthene	14.443	154	908221	46.015	ng		100
53) 3-Nitroaniline	14.284	138	222750	35.689	ng		96
54) 2,4-Dinitrophenol	14.501	184	350614	118.350	ng		98
55) Dibenzofuran	14.784	168	1490001	47.748	ng		99
56) 4-Nitrophenol	14.625	139	500627	97.610	ng		95
57) 2,4-Dinitrotoluene	14.754	165	418449	52.869	ng		98
58) Fluorene	15.442	166	1189895	48.324	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	354740	52.308	ng		100
60) Diethylphthalate	15.213	149	1372072	51.304	ng		99
61) 4-Chlorophenyl-phenyle...	15.431	204	599245	48.934	ng		97
62) 4-Nitroaniline	15.460	138	313379	48.976	ng		94
63) Azobenzene	15.731	77	1181456	51.593	ng		98
65) 4,6-Dinitro-2-methylph...	15.531	198	247653	52.917	ng		92
66) n-Nitrosodiphenylamine	15.654	169	1095502	47.850	ng		100
67) 4-Bromophenyl-phenylether	16.348	248	400071	48.451	ng		97
68) Hexachlorobenzene	16.466	284	464294	48.507	ng		99
69) Atrazine	16.631	200	433636	50.576	ng		98
70) Pentachlorophenol	16.825	266	629724	104.221	ng		98
71) Phenanthrene	17.219	178	1963486	47.608	ng		99
72) Anthracene	17.313	178	2013380	47.804	ng		99
73) Carbazole	17.595	167	1910800	48.166	ng		99
74) Di-n-butylphthalate	18.184	149	2580140	52.863	ng		100
75) Fluoranthene	19.307	202	2437671	49.551	ng		99
77) Benzidine	19.501	184	1143376	40.984	ng		100
78) Pyrene	19.683	202	2524048	47.504	ng		99
80) Butylbenzylphthalate	20.630	149	1272403	52.840	ng		99
81) Benzo(a)anthracene	21.613	228	2643485	49.033	ng		100
82) 3,3'-Dichlorobenzidine	21.525	252	696561	34.278	ng		100
83) Chrysene	21.677	228	2432537	48.180	ng		99
84) Bis(2-ethylhexyl)phtha...	21.542	149	1872697	52.830	ng		99
85) Di-n-octyl phthalate	22.819	149	3295593	54.051	ng		98
87) Indeno(1,2,3-cd)pyrene	28.842	276	3298591	48.552	ng	#	88
88) Benzo(b)fluoranthene	23.924	252	2660138	48.695	ng		100
89) Benzo(k)fluoranthene	24.001	252	2715970	49.684	ng		99
90) Benzo(a)pyrene	24.842	252	2607501	49.035	ng		99
91) Dibenzo(a,h)anthracene	28.901	278	2699614	48.624	ng		98
92) Benzo(g,h,i)perylene	30.006	276	2619132	47.991	ng		99

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

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