Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP093025\
Data File : BP025894.D
Acq On : 30 Sep 2025 16:48
Operator : CG/JU
Sample : PB169909BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169909BS

Quant Time: Sep 30 17:10:37 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	7.737	152	125775	20.000	ng	-0.02
21) Naphthalene-d8	10.501	136	504241	20.000	ng	-0.02
39) Acenaphthene-d10	14.354	164	321119	20.000	ng	-0.02
64) Phenanthrene-d10	17.148	188	671502	20.000	ng	-0.04
76) Chrysene-d12	21.589	240	743351	20.000	ng	-0.05
86) Perylene-d12	24.936	264	855731	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.378	112	1187968	152.403	ng	0.00
7) Phenol-d6	6.943	99	1507348	145.484	ng	0.00
23) Nitrobenzene-d5	8.884	82	927268	81.117	ng	-0.02
42) 2,4,6-Tribromophenol	15.866	330	661575	165.174	ng	-0.04
45) 2-Fluorobiphenyl	12.954	172	2127872	88.231	ng	-0.04
79) Terphenyl-d14	19.883	244	3628450	87.812	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.302	88	122698	37.504	ng	95
3) Pyridine	3.702	79	354320	39.332	ng	91
4) n-Nitrosodimethylamine	3.608	42	166576	39.187	ng	85
6) Aniline	7.078	93	557676	39.210	ng	99
8) 2-Chlorophenol	7.325	128	430831	50.382	ng	96
9) Benzaldehyde	6.896	77	229072	36.887	ng	97
10) Phenol	6.972	94	538207	49.264	ng	94
11) bis(2-Chloroethyl)ether	7.172	93	407123	46.383	ng	93
12) 1,3-Dichlorobenzene	7.631	146	455649	46.817	ng	99
13) 1,4-Dichlorobenzene	7.772	146	473329	47.744	ng	99
14) 1,2-Dichlorobenzene	8.084	146	451188	46.847	ng	100
15) Benzyl Alcohol	7.984	79	391099	45.681	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.255	45	563343	39.246	ng	97
17) 2-Methylphenol	8.190	107	358849	48.719	ng	98
18) Hexachloroethane	8.802	117	175365	46.310	ng	96
19) n-Nitroso-di-n-propyla...	8.531	70	307726	42.583	ng	95
20) 3+4-Methylphenols	8.519	107	484719	46.990	ng	98
22) Acetophenone	8.549	105	693986	51.501	ng	98
24) Nitrobenzene	8.925	77	465140	45.358	ng	95
25) Isophorone	9.443	82	857563	42.681	ng	99
26) 2-Nitrophenol	9.631	139	233069	51.190	ng	91
27) 2,4-Dimethylphenol	9.696	122	390979	48.949	ng	98
28) bis(2-Chloroethoxy)met...	9.913	93	522451	44.983	ng	100
29) 2,4-Dichlorophenol	10.178	162	405149	50.873	ng	98
30) 1,2,4-Trichlorobenzene	10.366	180	434922	48.457	ng	100
31) Naphthalene	10.554	128	1254624	46.145	ng	100
32) Benzoic acid	9.890	122	332052	55.915	ng	97
33) 4-Chloroaniline	10.672	127	341721	30.154	ng	97
34) Hexachlorobutadiene	10.825	225	286613	49.605	ng	99
35) Caprolactam	11.478	113	136995	44.624	ng	95
36) 4-Chloro-3-methylphenol	11.807	107	451888	47.593	ng	96
37) 2-Methylnaphthalene	12.154	142	799085	45.759	ng	99
38) 1-Methylnaphthalene	12.384	142	825028	44.304	ng	99
40) 1,2,4,5-Tetrachloroben...	12.531	216	551089	56.634	ng	99
41) Hexachlorocyclopentadiene	12.507	237	483728	91.274	ng	99
43) 2,4,6-Trichlorophenol	12.784	196	333280	52.100	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.872	196	369394	51.886	ng		95
46) 1,1'-Biphenyl	13.172	154	1260715	53.487	ng		98
47) 2-Chloronaphthalene	13.219	162	887954	47.844	ng		99
48) 2-Nitroaniline	13.437	65	290613	46.974	ng		91
49) Acenaphthylene	14.072	152	1488939	48.420	ng		100
50) Dimethylphthalate	13.807	163	1148991	46.866	ng		99
51) 2,6-Dinitrotoluene	13.931	165	258723	49.810	ng		92
52) Acenaphthene	14.419	154	821824	46.343	ng		99
53) 3-Nitroaniline	14.272	138	199766	36.573	ng		96
54) 2,4-Dinitrophenol	14.489	184	324628	95.153	ng		97
55) Dibenzofuran	14.760	168	1361792	47.117	ng		97
56) 4-Nitrophenol	14.631	139	406043	85.969	ng		93
57) 2,4-Dinitrotoluene	14.737	165	374403	50.649	ng		91
58) Fluorene	15.413	166	1100484	47.883	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.001	232	331511	51.691	ng		95
60) Diethylphthalate	15.184	149	1176199	47.297	ng		99
61) 4-Chlorophenyl-phenyle...	15.407	204	559910	48.340	ng		95
62) 4-Nitroaniline	15.448	138	282113	50.416	ng		96
63) Azobenzene	15.707	77	1062556	44.189	ng		96
65) 4,6-Dinitro-2-methylph...	15.513	198	226005	50.609	ng		88
66) n-Nitrosodiphenylamine	15.631	169	995004	48.420	ng		99
67) 4-Bromophenyl-phenylether	16.325	248	367876	49.868	ng		96
68) Hexachlorobenzene	16.448	284	426353	51.826	ng	#	90
69) Atrazine	16.607	200	392641	49.986	ng		97
70) Pentachlorophenol	16.801	266	552836	101.820	ng		98
71) Phenanthrene	17.189	178	1800217	47.260	ng		99
72) Anthracene	17.289	178	1852787	47.939	ng		99
73) Carbazole	17.566	167	1762712	49.057	ng		99
74) Di-n-butylphthalate	18.148	149	2096894	47.554	ng		99
75) Fluoranthene	19.283	202	2276760	49.837	ng		99
77) Benzidine	19.483	184	1507171	70.387	ng		99
78) Pyrene	19.660	202	2347614	47.331	ng		99
80) Butylbenzylphthalate	20.607	149	1060217	48.750	ng		95
81) Benzo(a)anthracene	21.571	228	2453739	48.216	ng		99
82) 3,3'-Dichlorobenzidine	21.495	252	637028	36.202	ng		99
83) Chrysene	21.648	228	2320291	47.829	ng		100
84) Bis(2-ethylhexyl)phtha...	21.495	149	1490567	46.847	ng		99
85) Di-n-octyl phthalate	22.760	149	2693987	47.599	ng		96
87) Indeno(1,2,3-cd)pyrene	28.748	276	3067629	49.295	ng	#	78
88) Benzo(b)fluoranthene	23.877	252	2531691	48.380	ng		99
89) Benzo(k)fluoranthene	23.942	252	2568277	48.096	ng		99
90) Benzo(a)pyrene	24.771	252	2448846	47.786	ng		98
91) Dibenzo(a,h)anthracene	28.812	278	2529264	49.666	ng		98
92) Benzo(g,h,i)perylene	29.942	276	2484868	49.616	ng		99

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

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