Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091525\
Data File : BP025747.D
Acq On : 15 Sep 2025 11:07
Operator : CG/JU
Sample : PB169528BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
PB169528BL

Quant Time: Sep 15 12:31:43 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	7.825	152	19	20.000	ng	0.07
21) Naphthalene-d8	10.637	136	25	20.000	ng	# 0.11
39) Acenaphthene-d10	14.542	164	26	20.000	ng	# 0.16
64) Phenanthrene-d10	17.378	188	10	20.000	ng	# 0.19
76) Chrysene-d12	21.889	240	50	20.000	ng	# 0.25
86) Perylene-d12	25.295	264	108	20.000	ng	# 0.29
System Monitoring Compounds						
5) 2-Fluorophenol	5.343	112	1284000	1090419.148	ng	-0.04
7) Phenol-d6	6.902	99	1580420	1009755.583	ng	-0.05
23) Nitrobenzene-d5	8.866	82	1062407	1874552.023	ng	-0.04
42) 2,4,6-Tribromophenol	15.883	330	593944	1831474.758	ng	-0.02
45) 2-Fluorobiphenyl	12.972	172	2287527	1171482.772	ng	-0.02
79) Terphenyl-d14	19.907	244	4034966	1451770.131	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.378	88	151	305.535	ng	# 1
3) Pyridine	3.719	79	585	429.879	ng	# 1
4) n-Nitrosodimethylamine	3.661	42	325	506.120	ng	# 1
6) Aniline	7.137	93	163	75.865	ng	# 1
8) 2-Chlorophenol	7.296	128	126	97.539	ng	74
9) Benzaldehyde	7.019	77	264	281.414	ng	# 21
10) Phenol	7.043	94	47	28.479	ng	# 1
11) bis(2-Chloroethyl)ether	6.960	93	170	128.211	ng	89
12) 1,3-Dichlorobenzene	7.707	146	20	13.603	ng	# 43
13) 1,4-Dichlorobenzene	7.866	146	18	12.019	ng	# 43
14) 1,2-Dichlorobenzene	8.172	146	11	7.561	ng	# 12
15) Benzyl Alcohol	8.078	79	221	170.877	ng	# 17
16) 2,2'-oxybis(1-Chloropr...	8.360	45	119	54.880	ng	# 1
17) 2-Methylphenol	8.260	107	162	145.595	ng	# 1
18) Hexachloroethane	8.901	117	65	113.628	ng	# 22
19) n-Nitroso-di-n-propyla...	8.866	70	131512	120469.872	ng	# 77
20) 3+4-Methylphenols	8.596	107	22	14.118	ng	# 1
22) Acetophenone	8.654	105	93	139.202	ng	# 1
24) Nitrobenzene	9.031	77	127	249.787	ng	# 53
25) Isophorone	9.549	82	714	716.747	ng	# 70
26) 2-Nitrophenol	9.754	139	49	217.067	ng	# 68
27) 2,4-Dimethylphenol	9.813	122	34	85.855	ng	# 32
28) bis(2-Chloroethoxy)met...	10.190	93	44	76.411	ng	97
29) 2,4-Dichlorophenol	10.301	162	30	75.978	ng	# 31
30) 1,2,4-Trichlorobenzene	10.507	180	18	40.450	ng	# 24
31) Naphthalene	10.701	128	46	34.124	ng	# 64
32) Benzoic acid	9.966	122	5	16.982	ng	# 1
33) 4-Chloroaniline	10.801	127	76	135.265	ng	# 83
34) Hexachlorobutadiene	10.960	225	10	34.909	ng	# 41
35) Caprolactam	11.601	113	7	45.990	ng	# 1
36) 4-Chloro-3-methylphenol	11.943	107	28	59.480	ng	# 78
37) 2-Methylnaphthalene	12.313	142	15	17.325	ng	# 22
38) 1-Methylnaphthalene	12.525	142	14	15.163	ng	# 37
40) 1,2,4,5-Tetrachloroben...	12.701	216	6	7.615	ng	# 1
41) Hexachlorocyclopentadiene	12.825	237	12	27.965	ng	92
43) 2,4,6-Trichlorophenol	12.966	196	17	32.822	ng	# 38

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.025	196	6	10.409	ng	#	1
46) 1,1'-Biphenyl	13.354	154	42	22.008	ng	#	34
47) 2-Chloronaphthalene	13.389	162	14	9.317	ng	#	18
48) 2-Nitroaniline	13.589	65	77	153.720	ng	#	72
49) Acenaphthylene	14.260	152	27	10.844	ng	#	42
50) Dimethylphthalate	13.984	163	51	25.692	ng	#	42
51) 2,6-Dinitrotoluene	14.301	165	44	104.624	ng		92
52) Acenaphthene	14.636	154	11	7.661	ng	#	68
53) 3-Nitroaniline	14.442	138	8	18.089	ng	#	11
54) 2,4-Dinitrophenol	14.666	184	6	25.444	ng	#	1
55) Dibenzofuran	14.954	168	18	7.692	ng	#	30
56) 4-Nitrophenol	14.925	139	29	76.362	ng		93
57) 2,4-Dinitrotoluene	14.913	165	25	41.770	ng	#	82
58) Fluorene	15.883	166	24152	12979.156	ng	#	91
59) 2,3,4,6-Tetrachlorophenol	15.201	232	18	34.664	ng	#	12
60) Diethylphthalate	15.401	149	67	33.275	ng	#	64
61) 4-Chlorophenyl-phenyle...	15.613	204	16	17.061	ng	#	69
62) 4-Nitroaniline	15.648	138	17	37.522	ng	#	6
63) Azobenzene	15.842	77	156	80.127	ng		75
65) 4,6-Dinitro-2-methylph...	15.889	198	1862	27998.565	ng	#	1
66) n-Nitrosodiphenylamine	15.883	169	22036	72007.341	ng	#	51
67) 4-Bromophenyl-phenylether	16.519	248	26	236.668	ng	#	1
68) Hexachlorobenzene	16.654	284	5	40.813	ng	#	1
69) Atrazine	16.978	200	19	162.425	ng		74
70) Pentachlorophenol	17.072	266	36	445.231	ng		85
71) Phenanthrene	17.401	178	357	629.343	ng	#	88
72) Anthracene	17.507	178	71	123.359	ng	#	90
73) Carbazole	17.801	167	30	56.065	ng	#	83
74) Di-n-butylphthalate	18.395	149	118	179.698	ng	#	5
75) Fluoranthene	19.742	202	202	296.918	ng		70
77) Benzidine	19.907	184	63490	44082.089	ng	#	93
78) Pyrene	19.907	202	15207	4558.098	ng	#	66
80) Butylbenzylphthalate	20.889	149	373	254.986	ng	#	61
81) Benzo(a)anthracene	21.871	228	140	40.899	ng	#	63
82) 3,3'-Dichlorobenzidine	21.789	252	215	181.649	ng	#	27
83) Chrysene	21.930	228	113	34.630	ng	#	75
84) Bis(2-ethylhexyl)phtha...	21.801	149	103	48.127	ng	#	64
85) Di-n-octyl phthalate	23.065	149	428	112.426	ng	#	76
87) Indeno(1,2,3-cd)pyrene	29.195	276	117	14.897	ng	#	28
88) Benzo(b)fluoranthene	24.224	252	194	29.374	ng	#	1
89) Benzo(k)fluoranthene	24.295	252	145	21.515	ng	#	1
90) Benzo(a)pyrene	25.124	252	136	21.028	ng	#	1
91) Dibenzo(a,h)anthracene	29.236	278	116	18.048	ng	#	1
92) Benzo(g,h,i)perylene	30.353	276	109	17.245	ng	#	53

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

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