Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100125\
Data File : BP025901.D
Acq On : 01 Oct 2025 15:08
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Oct 01 15:28:59 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	7.743	152	258166	20.000	ng	-0.02
21) Naphthalene-d8	10.507	136	968218	20.000	ng	-0.02
39) Acenaphthene-d10	14.354	164	591980	20.000	ng	-0.02
64) Phenanthrene-d10	17.160	188	1152883	20.000	ng	-0.02
76) Chrysene-d12	21.601	240	1139364	20.000	ng	-0.04
86) Perylene-d12	24.942	264	1283533	20.000	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.384	112	1335274	83.455	ng	0.00
7) Phenol-d6	6.949	99	1667193	78.394	ng	0.00
23) Nitrobenzene-d5	8.890	82	1735073	79.048	ng	-0.01
42) 2,4,6-Tribromophenol	15.877	330	648637	87.846	ng	-0.03
45) 2-Fluorobiphenyl	12.966	172	3698134	83.180	ng	-0.02
79) Terphenyl-d14	19.877	244	5281951	83.399	ng	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.319	88	265007	39.464	ng	94
3) Pyridine	3.719	79	707980	38.288	ng	93
4) n-Nitrosodimethylamine	3.625	42	294098	33.707	ng	87
6) Aniline	7.084	93	1089372	37.315	ng	100
8) 2-Chlorophenol	7.325	128	707701	40.319	ng	99
9) Benzaldehyde	6.907	77	639200	50.146	ng	97
10) Phenol	6.972	94	871511	38.864	ng	98
11) bis(2-Chloroethyl)ether	7.178	93	682836	37.901	ng	95
12) 1,3-Dichlorobenzene	7.637	146	797624	39.927	ng	99
13) 1,4-Dichlorobenzene	7.778	146	813064	39.956	ng	99
14) 1,2-Dichlorobenzene	8.096	146	775889	39.248	ng	99
15) Benzyl Alcohol	7.990	79	653096	37.164	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.266	45	960763	32.609	ng	97
17) 2-Methylphenol	8.201	107	576937	38.160	ng	99
18) Hexachloroethane	8.807	117	305001	39.240	ng	99
19) n-Nitroso-di-n-propyla...	8.543	70	505911	34.107	ng	93
20) 3+4-Methylphenols	8.525	107	765496	36.153	ng	98
22) Acetophenone	8.560	105	1043000	40.310	ng	97
24) Nitrobenzene	8.931	77	769890	39.099	ng	97
25) Isophorone	9.460	82	1435987	37.221	ng	99
26) 2-Nitrophenol	9.637	139	388749	44.467	ng	92
27) 2,4-Dimethylphenol	9.701	122	616810	40.216	ng	100
28) bis(2-Chloroethoxy)met...	9.919	93	872415	39.120	ng	100
29) 2,4-Dichlorophenol	10.184	162	634982	41.524	ng	99
30) 1,2,4-Trichlorobenzene	10.378	180	722378	41.916	ng	99
31) Naphthalene	10.554	128	2050306	39.273	ng	99
32) Benzoic acid	9.901	122	451403	39.587	ng	95
33) 4-Chloroaniline	10.672	127	876696	40.289	ng	98
34) Hexachlorobutadiene	10.837	225	473903	42.716	ng	98
35) Caprolactam	11.484	113	255110	43.277	ng	90
36) 4-Chloro-3-methylphenol	11.819	107	690499	37.874	ng	99
37) 2-Methylnaphthalene	12.160	142	1284094	38.295	ng	99
38) 1-Methylnaphthalene	12.384	142	1331824	37.246	ng	99
40) 1,2,4,5-Tetrachloroben...	12.536	216	802924	44.760	ng	99
41) Hexachlorocyclopentadiene	12.507	237	373137	38.192	ng	100
43) 2,4,6-Trichlorophenol	12.784	196	528436	44.810	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	562405	42.851	ng		96
46) 1,1'-Biphenyl	13.178	154	1797677	41.372	ng		99
47) 2-Chloronaphthalene	13.219	162	1423599	41.609	ng		98
48) 2-Nitroaniline	13.436	65	444259	38.953	ng		91
49) Acenaphthylene	14.078	152	2273680	40.108	ng		100
50) Dimethylphthalate	13.813	163	1733816	38.362	ng		99
51) 2,6-Dinitrotoluene	13.931	165	391154	40.850	ng		91
52) Acenaphthene	14.425	154	1299431	39.748	ng		100
53) 3-Nitroaniline	14.266	138	409831	40.701	ng		99
54) 2,4-Dinitrophenol	14.495	184	244843	41.780	ng		96
55) Dibenzofuran	14.766	168	2069447	38.840	ng		98
56) 4-Nitrophenol	14.630	139	390912	47.037	ng		93
57) 2,4-Dinitrotoluene	14.742	165	553811	40.640	ng		91
58) Fluorene	15.425	166	1669121	39.396	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.001	232	487772	41.257	ng		95
60) Diethylphthalate	15.189	149	1709764	37.295	ng		98
61) 4-Chlorophenyl-phenyle...	15.413	204	861551	40.349	ng		96
62) 4-Nitroaniline	15.460	138	419518	40.668	ng		96
63) Azobenzene	15.707	77	1645223	37.115	ng		96
65) 4,6-Dinitro-2-methylph...	15.525	198	345879	45.112	ng		92
66) n-Nitrosodiphenylamine	15.630	169	1457863	41.321	ng		99
67) 4-Bromophenyl-phenylether	16.325	248	548518	43.308	ng		99
68) Hexachlorobenzene	16.448	284	615505	43.578	ng	#	91
69) Atrazine	16.613	200	545149	40.423	ng		96
70) Pentachlorophenol	16.813	266	395650	42.443	ng		98
71) Phenanthrene	17.201	178	2600555	39.765	ng		100
72) Anthracene	17.289	178	2658252	40.061	ng		100
73) Carbazole	17.583	167	2402155	38.939	ng		99
74) Di-n-butylphthalate	18.160	149	2980520	39.370	ng		99
75) Fluoranthene	19.289	202	3037630	38.729	ng		99
77) Benzidine	19.495	184	1398925	42.624	ng		99
78) Pyrene	19.666	202	3061916	40.275	ng		99
80) Butylbenzylphthalate	20.607	149	1360305	40.809	ng		97
81) Benzo(a)anthracene	21.583	228	3079996	39.486	ng		99
82) 3,3'-Dichlorobenzidine	21.495	252	1147841	42.558	ng		100
83) Chrysene	21.648	228	2922853	39.309	ng		100
84) Bis(2-ethylhexyl)phtha...	21.507	149	1923960	39.451	ng		100
85) Di-n-octyl phthalate	22.771	149	3456396	39.843	ng		97
87) Indeno(1,2,3-cd)pyrene	28.765	276	3804800	40.762	ng	#	75
88) Benzo(b)fluoranthene	23.895	252	3098704	39.479	ng		99
89) Benzo(k)fluoranthene	23.965	252	3073979	38.379	ng		99
90) Benzo(a)pyrene	24.801	252	3035013	39.485	ng		99
91) Dibenzo(a,h)anthracene	28.836	278	3116427	40.800	ng		99
92) Benzo(g,h,i)perylene	29.965	276	3065927	40.815	ng		98

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

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