Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100625\
Data File : BP025924.D
Acq On : 06 Oct 2025 15:34
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Oct 06 15:57:56 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	192886	20.000	ng		-0.02
21) Naphthalene-d8	10.501	136	769676	20.000	ng		-0.02
39) Acenaphthene-d10	14.348	164	505298	20.000	ng		-0.03
64) Phenanthrene-d10	17.154	188	1020787	20.000	ng		-0.03
76) Chrysene-d12	21.613	240	1062721	20.000	ng		-0.03
86) Perylene-d12	24.942	264	1164048	20.000	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.378	112	971186	81.243	ng		0.00
7) Phenol-d6	6.943	99	1257929	79.169	ng		0.00
23) Nitrobenzene-d5	8.884	82	1239183	71.019	ng		-0.02
42) 2,4,6-Tribromophenol	15.872	330	536045	85.052	ng		-0.04
45) 2-Fluorobiphenyl	12.960	172	2706584	71.321	ng		-0.03
79) Terphenyl-d14	19.883	244	4280533	72.461	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.302	88	189414	37.753	ng		94
3) Pyridine	3.702	79	557176	40.331	ng		93
4) n-Nitrosodimethylamine	3.614	42	216478	33.208	ng		87
6) Aniline	7.078	93	816197	37.420	ng		100
8) 2-Chlorophenol	7.319	128	543952	41.478	ng		98
9) Benzaldehyde	6.896	77	474547	49.828	ng		99
10) Phenol	6.966	94	679203	40.539	ng		97
11) bis(2-Chloroethyl)ether	7.172	93	539304	40.065	ng		96
12) 1,3-Dichlorobenzene	7.625	146	582277	39.012	ng		97
13) 1,4-Dichlorobenzene	7.772	146	583025	38.348	ng		100
14) 1,2-Dichlorobenzene	8.084	146	563862	38.176	ng		99
15) Benzyl Alcohol	7.984	79	494996	37.700	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.243	45	785505	35.684	ng		98
17) 2-Methylphenol	8.190	107	451805	39.998	ng		99
18) Hexachloroethane	8.796	117	226331	38.973	ng		99
19) n-Nitroso-di-n-propyla...	8.537	70	418006	37.718	ng		95
20) 3+4-Methylphenols	8.519	107	615013	38.877	ng		98
22) Acetophenone	8.554	105	824128	40.067	ng	#	97
24) Nitrobenzene	8.925	77	628829	40.173	ng		98
25) Isophorone	9.449	82	1174665	38.301	ng		99
26) 2-Nitrophenol	9.625	139	309115	44.479	ng		92
27) 2,4-Dimethylphenol	9.696	122	451000	36.991	ng		99
28) bis(2-Chloroethoxy)met...	9.913	93	707791	39.925	ng		100
29) 2,4-Dichlorophenol	10.178	162	513894	42.274	ng		100
30) 1,2,4-Trichlorobenzene	10.366	180	535138	39.061	ng		99
31) Naphthalene	10.548	128	1644782	39.632	ng		98
32) Benzoic acid	9.884	122	355806	39.252	ng		98
33) 4-Chloroaniline	10.666	127	629156	36.372	ng		98
34) Hexachlorobutadiene	10.825	225	368552	41.789	ng		100
35) Caprolactam	11.478	113	176953	37.762	ng		92
36) 4-Chloro-3-methylphenol	11.807	107	575967	39.741	ng		95
37) 2-Methylnaphthalene	12.154	142	1171744	43.959	ng		99
38) 1-Methylnaphthalene	12.372	142	1128970	39.718	ng		100
40) 1,2,4,5-Tetrachloroben...	12.525	216	647974	42.318	ng		99
41) Hexachlorocyclopentadiene	12.501	237	314686	37.735	ng		98
43) 2,4,6-Trichlorophenol	12.778	196	432357	42.952	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	461134	41.163	ng		94
46) 1,1'-Biphenyl	13.172	154	1490932	40.199	ng		99
47) 2-Chloronaphthalene	13.219	162	1176269	40.278	ng		100
48) 2-Nitroaniline	13.431	65	387143	39.768	ng		91
49) Acenaphthylene	14.066	152	1728576	35.723	ng		100
50) Dimethylphthalate	13.801	163	1513417	39.230	ng		99
51) 2,6-Dinitrotoluene	13.925	165	319387	39.077	ng		98
52) Acenaphthene	14.413	154	1119050	40.102	ng		99
53) 3-Nitroaniline	14.266	138	346480	40.312	ng		98
54) 2,4-Dinitrophenol	14.501	184	182069	37.020	ng		97
55) Dibenzofuran	14.748	168	1782295	39.189	ng		98
56) 4-Nitrophenol	14.642	139	278024	39.940	ng		93
57) 2,4-Dinitrotoluene	14.731	165	474458	40.790	ng		94
58) Fluorene	15.407	166	1421731	39.313	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.989	232	399213	39.559	ng		96
60) Diethylphthalate	15.184	149	1526353	39.006	ng		99
61) 4-Chlorophenyl-phenyle...	15.401	204	738093	40.497	ng		97
62) 4-Nitroaniline	15.448	138	348578	39.588	ng		94
63) Azobenzene	15.701	77	1393574	36.831	ng		96
65) 4,6-Dinitro-2-methylph...	15.519	198	296214	43.634	ng		90
66) n-Nitrosodiphenylamine	15.625	169	1237651	39.619	ng		99
67) 4-Bromophenyl-phenylether	16.319	248	479739	42.780	ng		96
68) Hexachlorobenzene	16.442	284	537416	42.973	ng		92
69) Atrazine	16.613	200	468053	39.198	ng		97
70) Pentachlorophenol	16.807	266	323092	39.145	ng		99
71) Phenanthrene	17.201	178	2283441	39.434	ng		99
72) Anthracene	17.295	178	2301591	39.175	ng		99
73) Carbazole	17.583	167	2177426	39.864	ng		99
74) Di-n-butylphthalate	18.154	149	2745903	40.965	ng		99
75) Fluoranthene	19.289	202	2752233	39.631	ng		100
77) Benzidine	19.489	184	1338056	43.710	ng		100
78) Pyrene	19.666	202	2910757	41.048	ng		99
80) Butylbenzylphthalate	20.607	149	1251027	40.237	ng		99
81) Benzo(a)anthracene	21.589	228	2885911	39.666	ng		99
82) 3,3'-Dichlorobenzidine	21.501	252	964422	38.336	ng		100
83) Chrysene	21.660	228	2712256	39.107	ng		99
84) Bis(2-ethylhexyl)phtha...	21.501	149	1798646	39.541	ng		98
85) Di-n-octyl phthalate	22.771	149	3269994	40.413	ng		97
87) Indeno(1,2,3-cd)pyrene	28.771	276	3421371	40.417	ng	#	80
88) Benzo(b)fluoranthene	23.895	252	2855714	40.117	ng		99
89) Benzo(k)fluoranthene	23.960	252	2893225	39.831	ng		99
90) Benzo(a)pyrene	24.795	252	2695458	38.667	ng		99
91) Dibenzo(a,h)anthracene	28.836	278	2802069	40.450	ng		99
92) Benzo(g,h,i)perylene	29.953	276	2678989	39.324	ng		99

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

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