Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102125\
Data File : BP025983.D
Acq On : 21 Oct 2025 12:37
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Oct 21 13:00:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP101525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 15 23:48:51 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.696	152	148771	20.00	ng		0.00
21) Naphthalene-d8	10.460	136	633067	20.00	ng		0.00
39) Acenaphthene-d10	14.325	164	395861	20.00	ng		0.00
64) Phenanthrene-d10	17.137	188	713624	20.00	ng		0.02
76) Chrysene-d12	21.578	240	689915	20.00	ng		0.00
86) Perylene-d12	24.942	264	796003	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.337	112	831971	91.69	ng		0.00
7) Phenol-d6	6.908	99	1146326	90.53	ng		0.00
23) Nitrobenzene-d5	8.849	82	1297251	92.11	ng		0.00
42) 2,4,6-Tribromophenol	15.848	330	433615	81.37	ng		0.00
45) 2-Fluorobiphenyl	12.931	172	2876192	93.13	ng		0.00
79) Terphenyl-d14	19.860	244	3694183	85.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.249	88	163491	45.49	ng		96
3) Pyridine	3.655	79	463806	46.24	ng		97
4) n-Nitrosodimethylamine	3.561	42	217181	49.41	ng		90
6) Aniline	7.043	93	759099	44.78	ng		98
8) 2-Chlorophenol	7.278	128	467080	44.42	ng		96
9) Benzaldehyde	6.861	77	298878	44.23	ng		99
10) Phenol	6.931	94	586762	45.89	ng		97
11) bis(2-Chloroethyl)ether	7.131	93	475687	45.63	ng		97
12) 1,3-Dichlorobenzene	7.590	146	524827	45.02	ng		99
13) 1,4-Dichlorobenzene	7.731	146	536501	45.17	ng		98
14) 1,2-Dichlorobenzene	8.049	146	514856	44.31	ng		100
15) Benzyl Alcohol	7.949	79	470347	43.64	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.208	45	762998	47.53	ng		99
17) 2-Methylphenol	8.161	107	406975	44.41	ng		98
18) Hexachloroethane	8.755	117	203656	44.93	ng		97
19) n-Nitroso-di-n-propyla...	8.496	70	407027	45.09	ng		96
20) 3+4-Methylphenols	8.490	107	548219	42.93	ng		97
22) Acetophenone	8.514	105	777364	45.17	ng	#	96
24) Nitrobenzene	8.890	77	582157	46.48	ng		99
25) Isophorone	9.413	82	1100505	43.50	ng		100
26) 2-Nitrophenol	9.596	139	275170	45.37	ng		98
27) 2,4-Dimethylphenol	9.666	122	464010	45.14	ng		99
28) bis(2-Chloroethoxy)met...	9.878	93	661673	44.71	ng		100
29) 2,4-Dichlorophenol	10.149	162	458857	44.80	ng		98
30) 1,2,4-Trichlorobenzene	10.331	180	523006	45.11	ng		97
31) Naphthalene	10.508	128	1510461	44.23	ng		99
32) Benzoic acid	9.878	122	290394	38.99	ng		98
33) 4-Chloroaniline	10.643	127	641786	44.25	ng		99
34) Hexachlorobutadiene	10.784	225	348885	45.47	ng		99
35) Caprolactam	11.455	113	134780	36.98	ng		91
36) 4-Chloro-3-methylphenol	11.784	107	518522	43.12	ng		95
37) 2-Methylnaphthalene	12.125	142	974704	43.59	ng		99
38) 1-Methylnaphthalene	12.349	142	1025085	43.46	ng		99
40) 1,2,4,5-Tetrachloroben...	12.496	216	607821	47.15	ng		99
41) Hexachlorocyclopentadiene	12.466	237	329212	45.80	ng		98
43) 2,4,6-Trichlorophenol	12.760	196	382362	46.73	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.854	196	409057	45.91	ng	97
46) 1,1'-Biphenyl	13.143	154	1387260	46.39	ng	99
47) 2-Chloronaphthalene	13.184	162	1091775	46.70	ng	99
48) 2-Nitroaniline	13.413	65	336628	46.20	ng	95
49) Acenaphthylene	14.049	152	1714438	45.35	ng	100
50) Dimethylphthalate	13.784	163	1282438	42.86	ng	99
51) 2,6-Dinitrotoluene	13.901	165	284152	43.98	ng	96
52) Acenaphthene	14.396	154	984804	45.11	ng	100
53) 3-Nitroaniline	14.254	138	280342	43.57	ng	97
54) 2,4-Dinitrophenol	14.490	184	154189	38.17	ng	98
55) Dibenzofuran	14.731	168	1565178	44.78	ng	99
56) 4-Nitrophenol	14.643	139	124555	31.92	ng	99
57) 2,4-Dinitrotoluene	14.719	165	383709	43.83	ng	97
58) Fluorene	15.396	166	1228637	43.74	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.978	232	344776	43.13	ng	99
60) Diethylphthalate	15.160	149	1237058	41.93	ng	99
61) 4-Chlorophenyl-phenyle...	15.384	204	650055	44.01	ng	98
62) 4-Nitroaniline	15.454	138	247516	41.51	ng	96
63) Azobenzene	15.684	77	1221920	44.44	ng	99
65) 4,6-Dinitro-2-methylph...	15.507	198	221642	42.97	ng	95
66) n-Nitrosodiphenylamine	15.601	169	1075331	46.84	ng	99
67) 4-Bromophenyl-phenylether	16.295	248	395495	44.90	ng	97
68) Hexachlorobenzene	16.425	284	433569	43.88	ng	96
69) Atrazine	16.590	200	364428	44.00	ng	98
70) Pentachlorophenol	16.795	266	226328	42.43	ng	95
71) Phenanthrene	17.178	178	1825388	45.13	ng	99
72) Anthracene	17.272	178	1876921	45.43	ng	100
73) Carbazole	17.566	167	1646894	45.22	ng	100
74) Di-n-butylphthalate	18.137	149	2022004	45.11	ng	99
75) Fluoranthene	19.266	202	2038833	44.69	ng	99
77) Benzidine	19.472	184	947145	42.85	ng	99
78) Pyrene	19.648	202	2112630	41.52	ng	100
80) Butylbenzylphthalate	20.583	149	902111	44.55	ng	97
81) Benzo(a)anthracene	21.560	228	2106902	44.65	ng	99
82) 3,3'-Dichlorobenzidine	21.478	252	769696	45.84	ng	100
83) Chrysene	21.625	228	2037825	45.17	ng	100
84) Bis(2-ethylhexyl)phtha...	21.478	149	1328435	47.52	ng	100
85) Di-n-octyl phthalate	22.742	149	2368789	49.63	ng	99
87) Indeno(1,2,3-cd)pyrene	28.736	276	2739774	45.69	ng	100
88) Benzo(b)fluoranthene	23.860	252	2192808	44.23	ng	100
89) Benzo(k)fluoranthene	23.930	252	2203096	43.79	ng	99
90) Benzo(a)pyrene	24.766	252	2147444	44.58	ng	99
91) Dibenzo(a,h)anthracene	28.789	278	2253263	46.10	ng	99
92) Benzo(g,h,i)perylene	29.895	276	2200080	45.94	ng	98

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

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