Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082825\
Data File : BF143606.D
Acq On : 28 Aug 2025 13:13
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 28 15:10:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	114110	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	431122	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	238148	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	374889	20.000	ng	0.00
76) Chrysene-d12	14.051	240	201426	20.000	ng	0.00
86) Perylene-d12	15.527	264	203353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	534925	79.785	ng	0.00
7) Phenol-d6	6.510	99	665208	80.107	ng	0.00
23) Nitrobenzene-d5	7.457	82	563766	93.369	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	174996	93.965	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1136162	81.570	ng	0.00
79) Terphenyl-d14	12.998	244	1000900	89.169	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	129516	39.487	ng	95
3) Pyridine	3.440	79	344749	41.857	ng	95
4) n-Nitrosodimethylamine	3.393	42	146659	37.420	ng	93
6) Aniline	6.557	93	463929	40.019	ng	99
8) 2-Chlorophenol	6.675	128	288498	40.672	ng	97
9) Benzaldehyde	6.445	77	278420	44.559	ng	99
10) Phenol	6.522	94	396480	42.571	ng	98
11) bis(2-Chloroethyl)ether	6.628	93	278007	38.954	ng	97
12) 1,3-Dichlorobenzene	6.834	146	327674	40.216	ng	99
13) 1,4-Dichlorobenzene	6.910	146	328302	39.960	ng	100
14) 1,2-Dichlorobenzene	7.063	146	308211	39.550	ng	99
15) Benzyl Alcohol	7.028	79	253958	40.807	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	470064	35.683	ng	98
17) 2-Methylphenol	7.134	107	242019	40.191	ng	98
18) Hexachloroethane	7.410	117	110223	42.222	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	207566	39.457	ng	96
20) 3+4-Methylphenols	7.292	107	306959	41.504	ng	94
22) Acetophenone	7.298	105	390064	40.175	ng	98
24) Nitrobenzene	7.475	77	299582	46.278	ng	97
25) Isophorone	7.710	82	559324	39.584	ng	99
26) 2-Nitrophenol	7.787	139	124716	47.306	ng	100
27) 2,4-Dimethylphenol	7.822	122	254929	41.466	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	339119	39.668	ng	100
29) 2,4-Dichlorophenol	8.022	162	254500	42.965	ng	100
30) 1,2,4-Trichlorobenzene	8.116	180	257395	41.618	ng	99
31) Naphthalene	8.198	128	839777	40.317	ng	100
32) Benzoic acid	7.916	122	141749	45.840	ng	98
33) 4-Chloroaniline	8.239	127	302615	41.123	ng	98
34) Hexachlorobutadiene	8.316	225	160998	41.312	ng	100
35) Caprolactam	8.610	113	71277	42.355	ng	92
36) 4-Chloro-3-methylphenol	8.710	107	257014	41.502	ng	99
37) 2-Methylnaphthalene	8.886	142	560904	40.776	ng	100
38) 1-Methylnaphthalene	8.986	142	536356	40.401	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	257243	41.528	ng	98
41) Hexachlorocyclopentadiene	9.039	237	133957	43.959	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	175472	42.869	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	184527	44.614	ng		99
46) 1,1'-Biphenyl	9.351	154	667585	40.400	ng		99
47) 2-Chloronaphthalene	9.375	162	529680	40.578	ng		99
48) 2-Nitroaniline	9.469	65	160331	44.561	ng		98
49) Acenaphthylene	9.792	152	773156	40.709	ng		100
50) Dimethylphthalate	9.645	163	601244	41.045	ng		100
51) 2,6-Dinitrotoluene	9.710	165	113502	46.318	ng		91
52) Acenaphthene	9.963	154	509571	40.960	ng		99
53) 3-Nitroaniline	9.875	138	129835	44.974	ng	#	98
54) 2,4-Dinitrophenol	9.975	184	36741	49.114	ng	#	10
55) Dibenzofuran	10.133	168	742284	40.696	ng		98
56) 4-Nitrophenol	10.022	139	106397	44.701	ng		95
57) 2,4-Dinitrotoluene	10.110	165	154052	47.714	ng		94
58) Fluorene	10.480	166	557742	40.728	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	142553	46.618	ng		99
60) Diethylphthalate	10.351	149	571527	41.634	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	271950	40.605	ng		99
62) 4-Nitroaniline	10.486	138	124267	45.794	ng		98
63) Azobenzene	10.628	77	552692	39.709	ng		98
65) 4,6-Dinitro-2-methylph...	10.516	198	60491	48.171	ng		93
66) n-Nitrosodiphenylamine	10.586	169	483525	40.549	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	169007	41.679	ng		98
68) Hexachlorobenzene	11.022	284	182338	42.038	ng		97
69) Atrazine	11.110	200	147478	43.026	ng		98
70) Pentachlorophenol	11.216	266	113138	45.655	ng		100
71) Phenanthrene	11.439	178	819919	40.849	ng		100
72) Anthracene	11.492	178	830608	41.062	ng		100
73) Carbazole	11.645	167	714603	40.869	ng		100
74) Di-n-butylphthalate	11.975	149	758768	42.604	ng		100
75) Fluoranthene	12.627	202	740344	40.396	ng		99
77) Benzidine	12.745	184	212502	45.824	ng		100
78) Pyrene	12.857	202	747412	44.337	ng		100
80) Butylbenzylphthalate	13.474	149	184016	39.369	ng		97
81) Benzo(a)anthracene	14.039	228	510440	40.280	ng		99
82) 3,3'-Dichlorobenzidine	14.004	252	139371	41.021	ng		98
83) Chrysene	14.080	228	486242	41.172	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	213522	35.534	ng		99
85) Di-n-octyl phthalate	14.651	149	378135	34.868	ng		97
87) Indeno(1,2,3-cd)pyrene	17.021	276	608367	43.972	ng		98
88) Benzo(b)fluoranthene	15.092	252	489028	42.089	ng		100
89) Benzo(k)fluoranthene	15.121	252	413927	38.102	ng		99
90) Benzo(a)pyrene	15.463	252	428300	41.721	ng		100
91) Dibenzo(a,h)anthracene	17.045	278	493661	43.596	ng		98
92) Benzo(g,h,i)perylene	17.474	276	486952	43.437	ng		99

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

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