Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090925\
Data File : BF143669.D
Acq On : 08 Sep 2025 17:21
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Sep 09 04:48:27 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 09 04:44:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	59403	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	232379	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	132868	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	216908	20.000	ng	0.00
76) Chrysene-d12	14.045	240	130275	20.000	ng	0.00
86) Perylene-d12	15.521	264	126648	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	279864	81.441	ng	0.00
7) Phenol-d6	6.510	99	343044	81.801	ng	0.00
23) Nitrobenzene-d5	7.451	82	305928	81.967	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	112738	83.691	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	688825	80.841	ng	0.00
79) Terphenyl-d14	12.992	244	666811	83.902	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	62687	40.712	ng	100
3) Pyridine	3.452	79	166652	41.785	ng	100
4) n-Nitrosodimethylamine	3.399	42	63874	41.357	ng	100
6) Aniline	6.551	93	231727	41.103	ng	100
8) 2-Chlorophenol	6.675	128	155543	41.659	ng	100
9) Benzaldehyde	6.440	77	131738	45.664	ng	100
10) Phenol	6.522	94	202332	42.591	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	142442	40.940	ng	100
12) 1,3-Dichlorobenzene	6.834	146	176661	41.071	ng	100
13) 1,4-Dichlorobenzene	6.910	146	176865	41.030	ng	100
14) 1,2-Dichlorobenzene	7.063	146	166578	41.053	ng	100
15) Benzyl Alcohol	7.028	79	127294	40.832	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	190198	40.702	ng	100
17) 2-Methylphenol	7.134	107	126279	41.149	ng	100
18) Hexachloroethane	7.404	117	57820	41.205	ng	100
19) n-Nitroso-di-n-propyla...	7.304	70	107099	40.886	ng	100
20) 3+4-Methylphenols	7.287	107	161459	40.947	ng	100
22) Acetophenone	7.298	105	209223	40.074	ng	100
24) Nitrobenzene	7.469	77	155972	40.603	ng	100
25) Isophorone	7.710	82	288482	39.879	ng	100
26) 2-Nitrophenol	7.787	139	78137	42.270	ng	100
27) 2,4-Dimethylphenol	7.816	122	137765	40.631	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	179061	40.518	ng	100
29) 2,4-Dichlorophenol	8.022	162	137479	40.231	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	141137	39.885	ng	100
31) Naphthalene	8.192	128	460280	40.277	ng	100
32) Benzoic acid	7.916	122	86272	40.830	ng	100
33) 4-Chloroaniline	8.240	127	162351	40.519	ng	100
34) Hexachlorobutadiene	8.310	225	93423	40.204	ng	100
35) Caprolactam	8.610	113	38382	40.905	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	139365	40.653	ng	100
37) 2-Methylnaphthalene	8.881	142	310745	39.495	ng	100
38) 1-Methylnaphthalene	8.981	142	305360	40.528	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	153929	40.883	ng	100
41) Hexachlorocyclopentadiene	9.040	237	80956	41.209	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	103223	41.315	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	103117	40.231	ng	100
46) 1,1'-Biphenyl	9.345	154	387107	40.478	ng	100
47) 2-Chloronaphthalene	9.375	162	300206	40.397	ng	100
48) 2-Nitroaniline	9.463	65	85525	42.249	ng	100
49) Acenaphthylene	9.787	152	428234	40.299	ng	100
50) Dimethylphthalate	9.645	163	354690	40.777	ng	100
51) 2,6-Dinitrotoluene	9.704	165	71029	42.749	ng	100
52) Acenaphthene	9.963	154	295920	40.315	ng	100
53) 3-Nitroaniline	9.875	138	74559	42.023	ng	100
54) 2,4-Dinitrophenol	9.975	184	31741	37.943	ng	100
55) Dibenzofuran	10.134	168	425656	40.470	ng	100
56) 4-Nitrophenol	10.022	139	60721	41.935	ng	100
57) 2,4-Dinitrotoluene	10.104	165	95261	43.264	ng	100
58) Fluorene	10.475	166	332767	40.368	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	86894	41.357	ng	100
60) Diethylphthalate	10.345	149	334535	40.835	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	170811	41.038	ng	100
62) 4-Nitroaniline	10.486	138	72017	42.171	ng	100
63) Azobenzene	10.628	77	293752	40.771	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	45127	40.751	ng	100
66) n-Nitrosodiphenylamine	10.586	169	288882	40.889	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	103161	39.762	ng	100
68) Hexachlorobenzene	11.022	284	110272	40.689	ng	100
69) Atrazine	11.110	200	92663	40.519	ng	100
70) Pentachlorophenol	11.210	266	69484	41.264	ng	100
71) Phenanthrene	11.439	178	480268	40.466	ng	100
72) Anthracene	11.486	178	478920	39.982	ng	100
73) Carbazole	11.639	167	409034	40.814	ng	100
74) Di-n-butylphthalate	11.975	149	495493	41.087	ng	100
75) Fluoranthene	12.622	202	445186	40.502	ng	100
77) Benzidine	12.739	184	123291	43.721	ng	100
78) Pyrene	12.851	202	442988	42.350	ng	100
80) Butylbenzylphthalate	13.469	149	141347	42.809	ng	100
81) Benzo(a)anthracene	14.033	228	344857	41.407	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	100088	42.565	ng	100
83) Chrysene	14.074	228	305027	40.172	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	190633	42.887	ng	100
85) Di-n-octyl phthalate	14.639	149	317547	41.001	ng	100
87) Indeno(1,2,3-cd)pyrene	17.010	276	358005	41.913	ng	100
88) Benzo(b)fluoranthene	15.086	252	315093	40.808	ng	100
89) Benzo(k)fluoranthene	15.116	252	273823	40.417	ng	100
90) Benzo(a)pyrene	15.457	252	275695	41.622	ng	100
91) Dibenzo(a,h)anthracene	17.033	278	300545	42.465	ng	100
92) Benzo(g,h,i)perylene	17.462	276	279776	41.792	ng	100

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

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