Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090925\
Data File : BF143673.D
Acq On : 08 Sep 2025 19:48
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF090925

Quant Time: Sep 09 05:24:34 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 05:18:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	61659	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	238420	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	136783	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	221570	20.000	ng	0.00
76) Chrysene-d12	14.045	240	138906	20.000	ng	0.00
86) Perylene-d12	15.521	264	134541	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	288541	80.893	ng	0.00
7) Phenol-d6	6.510	99	353307	81.166	ng	0.00
23) Nitrobenzene-d5	7.451	82	316489	82.648	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	115814	83.513	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	707534	80.660	ng	0.00
79) Terphenyl-d14	12.992	244	687746	81.160	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	64929	40.625	ng	97
3) Pyridine	3.446	79	170307	41.139	ng	100
4) n-Nitrosodimethylamine	3.399	42	63846	39.826	ng	93
6) Aniline	6.551	93	236166	40.357	ng	99
8) 2-Chlorophenol	6.675	128	157585	40.661	ng	98
9) Benzaldehyde	6.440	77	137843	46.032	ng	99
10) Phenol	6.522	94	207272	42.035	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	146873	40.669	ng	99
12) 1,3-Dichlorobenzene	6.834	146	179615	40.230	ng	100
13) 1,4-Dichlorobenzene	6.910	146	181138	40.484	ng	99
14) 1,2-Dichlorobenzene	7.063	146	169647	40.279	ng	98
15) Benzyl Alcohol	7.028	79	131109	40.517	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	196427	40.497	ng	99
17) 2-Methylphenol	7.134	107	130632	41.010	ng	99
18) Hexachloroethane	7.404	117	60630	41.626	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	108948	40.070	ng	99
20) 3+4-Methylphenols	7.287	107	167934	41.031	ng	97
22) Acetophenone	7.298	105	213100	39.783	ng	99
24) Nitrobenzene	7.475	77	161534	40.986	ng	98
25) Isophorone	7.710	82	295861	39.863	ng	100
26) 2-Nitrophenol	7.787	139	81748	43.103	ng	99
27) 2,4-Dimethylphenol	7.816	122	140692	40.443	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	182938	40.347	ng	99
29) 2,4-Dichlorophenol	8.022	162	143287	40.868	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	145921	40.193	ng	99
31) Naphthalene	8.192	128	472765	40.321	ng	100
32) Benzoic acid	7.916	122	92899	43.939	ng	94
33) 4-Chloroaniline	8.239	127	164624	40.045	ng	98
34) Hexachlorobutadiene	8.310	225	94845	39.782	ng	100
35) Caprolactam	8.610	113	38728	40.228	ng	99
36) 4-Chloro-3-methylphenol	8.710	107	143062	40.674	ng	99
37) 2-Methylnaphthalene	8.887	142	322122	39.903	ng	98
38) 1-Methylnaphthalene	8.981	142	306390	39.635	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	156158	40.288	ng	99
41) Hexachlorocyclopentadiene	9.039	237	83855	41.463	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	107961	41.974	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	108367	41.070	ng	99
46) 1,1'-Biphenyl	9.345	154	394776	40.099	ng	99
47) 2-Chloronaphthalene	9.375	162	305307	39.907	ng	100
48) 2-Nitroaniline	9.463	65	88104	42.277	ng	100
49) Acenaphthylene	9.786	152	442581	40.457	ng	99
50) Dimethylphthalate	9.645	163	354932	39.637	ng	99
51) 2,6-Dinitrotoluene	9.704	165	75164	43.943	ng	99
52) Acenaphthene	9.963	154	305976	40.492	ng	100
53) 3-Nitroaniline	9.875	138	77672	42.525	ng	100
54) 2,4-Dinitrophenol	9.975	184	35193	40.425	ng	96
55) Dibenzofuran	10.134	168	435046	40.179	ng	100
56) 4-Nitrophenol	10.022	139	62688	42.054	ng	99
57) 2,4-Dinitrotoluene	10.104	165	101248	44.667	ng	98
58) Fluorene	10.475	166	341219	40.209	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	89806	41.519	ng	99
60) Diethylphthalate	10.345	149	341881	40.538	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	172027	40.148	ng	99
62) 4-Nitroaniline	10.486	138	74588	42.427	ng	99
63) Azobenzene	10.628	77	301083	40.592	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	48959	43.281	ng	99
66) n-Nitrosodiphenylamine	10.586	169	291298	40.363	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	106566	40.210	ng	98
68) Hexachlorobenzene	11.022	284	112765	40.733	ng	99
69) Atrazine	11.110	200	94804	40.583	ng	99
70) Pentachlorophenol	11.210	266	71080	41.324	ng	99
71) Phenanthrene	11.439	178	486825	40.156	ng	100
72) Anthracene	11.486	178	493347	40.320	ng	100
73) Carbazole	11.639	167	409970	40.047	ng	99
74) Di-n-butylphthalate	11.969	149	510663	41.454	ng	99
75) Fluoranthene	12.622	202	454608	40.489	ng	100
77) Benzidine	12.739	184	132442	44.048	ng	99
78) Pyrene	12.851	202	459591	41.207	ng	100
80) Butylbenzylphthalate	13.469	149	153622	43.636	ng	99
81) Benzo(a)anthracene	14.033	228	367741	41.411	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	108436	43.250	ng	99
83) Chrysene	14.074	228	323258	39.928	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	204522	43.153	ng	100
85) Di-n-octyl phthalate	14.639	149	342540	41.480	ng	100
87) Indeno(1,2,3-cd)pyrene	17.010	276	374433	41.264	ng	99
88) Benzo(b)fluoranthene	15.086	252	337280	41.119	ng	100
89) Benzo(k)fluoranthene	15.116	252	289230	40.187	ng	99
90) Benzo(a)pyrene	15.457	252	289729	41.175	ng	100
91) Dibenzo(a,h)anthracene	17.027	278	308390	41.017	ng	98
92) Benzo(g,h,i)perylene	17.462	276	289986	40.776	ng	99

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

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