Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062425\
Data File : BF142811.D
Acq On : 24 Jun 2025 10:16
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 24 11:38:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.880	152	88364	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	335549	20.000	ng	0.00
39) Acenaphthene-d10	9.921	164	179366	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	300319	20.000	ng	0.00
76) Chrysene-d12	14.056	240	163667	20.000	ng	0.00
86) Perylene-d12	15.545	264	187854	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	456296	85.974	ng	0.00
7) Phenol-d6	6.510	99	538916	86.066	ng	0.00
23) Nitrobenzene-d5	7.445	82	526395	86.048	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	157486	85.321	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1085224	79.482	ng	0.00
79) Terphenyl-d14	12.998	244	920683	77.725	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.645	88	91957	43.318	ng	99
3) Pyridine	3.410	79	231793	43.555	ng	99
4) n-Nitrosodimethylamine	3.369	42	117601	42.733	ng	95
6) Aniline	6.545	93	363367	43.612	ng	100
8) 2-Chlorophenol	6.663	128	247103	43.161	ng	99
9) Benzaldehyde	6.433	77	140403	37.794	ng	99
10) Phenol	6.528	94	301098	43.259	ng	93
11) bis(2-Chloroethyl)ether	6.616	93	215204	43.260	ng	99
12) 1,3-Dichlorobenzene	6.822	146	271215	42.358	ng	99
13) 1,4-Dichlorobenzene	6.898	146	274224	42.449	ng	99
14) 1,2-Dichlorobenzene	7.051	146	260103	42.450	ng	99
15) Benzyl Alcohol	7.022	79	198970	43.954	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	332544	41.607	ng	99
17) 2-Methylphenol	7.133	107	188101	43.355	ng	99
18) Hexachloroethane	7.392	117	95048	42.065	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	155120	42.594	ng	100
20) 3+4-Methylphenols	7.286	107	235113	43.463	ng	97
22) Acetophenone	7.292	105	311257	42.065	ng	99
24) Nitrobenzene	7.469	77	237487	42.892	ng	97
25) Isophorone	7.704	82	422145	43.017	ng	100
26) 2-Nitrophenol	7.780	139	133998	44.426	ng	99
27) 2,4-Dimethylphenol	7.816	122	224066	42.887	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	265061	42.485	ng	99
29) 2,4-Dichlorophenol	8.022	162	203381	42.933	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	218035	41.857	ng	100
31) Naphthalene	8.186	128	696192	42.387	ng	99
32) Benzoic acid	7.933	122	126992	47.690	ng	97
33) 4-Chloroaniline	8.233	127	288786	43.241	ng	100
34) Hexachlorobutadiene	8.304	225	132733	41.657	ng	99
35) Caprolactam	8.610	113	59758	47.805	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	205152	43.575	ng	100
37) 2-Methylnaphthalene	8.880	142	430600	42.288	ng	100
38) 1-Methylnaphthalene	8.980	142	449219	42.617	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	217242	41.047	ng	99
41) Hexachlorocyclopentadiene	9.033	237	130125	43.326	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	144284	41.837	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	154645	42.597	ng	99
46) 1,1'-Biphenyl	9.345	154	583765	41.200	ng	100
47) 2-Chloronaphthalene	9.369	162	439850	41.367	ng	100
48) 2-Nitroaniline	9.463	65	130885	43.907	ng	98
49) Acenaphthylene	9.786	152	729096	41.654	ng	100
50) Dimethylphthalate	9.645	163	491365	42.321	ng	100
51) 2,6-Dinitrotoluene	9.704	165	110024	43.151	ng	99
52) Acenaphthene	9.957	154	450566	42.190	ng	100
53) 3-Nitroaniline	9.874	138	125282	44.627	ng	99
54) 2,4-Dinitrophenol	9.980	184	59614	46.693	ng	98
55) Dibenzofuran	10.127	168	639543	41.762	ng	100
56) 4-Nitrophenol	10.033	139	88318	45.954	ng	98
57) 2,4-Dinitrotoluene	10.110	165	150754	44.512	ng	99
58) Fluorene	10.474	166	492361	41.167	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	123461	42.190	ng	99
60) Diethylphthalate	10.339	149	488058	42.873	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	232566	40.750	ng	99
62) 4-Nitroaniline	10.492	138	118100	45.998	ng	98
63) Azobenzene	10.621	77	425881	41.858	ng	99
65) 4,6-Dinitro-2-methylph...	10.521	198	82988	45.685	ng	99
66) n-Nitrosodiphenylamine	10.580	169	427020	41.027	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	144032	42.140	ng	96
68) Hexachlorobenzene	11.021	284	158667	41.778	ng	98
69) Atrazine	11.104	200	119790	44.569	ng	98
70) Pentachlorophenol	11.215	266	85215	45.028	ng	99
71) Phenanthrene	11.433	178	673912	41.425	ng	99
72) Anthracene	11.486	178	687776	41.222	ng	100
73) Carbazole	11.639	167	605919	42.083	ng	100
74) Di-n-butylphthalate	11.968	149	645750	43.052	ng	100
75) Fluoranthene	12.627	202	627298	40.630	ng	100
77) Benzidine	12.745	184	263874	42.912	ng	99
78) Pyrene	12.857	202	622546	40.580	ng	100
80) Butylbenzylphthalate	13.468	149	192178	43.185	ng	99
81) Benzo(a)anthracene	14.045	228	462690	41.906	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	154551	43.156	ng	99
83) Chrysene	14.080	228	420140	42.644	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	270514	42.250	ng	99
85) Di-n-octyl phthalate	14.645	149	497177	41.181	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	591613	41.346	ng	99
88) Benzo(b)fluoranthene	15.103	252	477548	43.932	ng	100
89) Benzo(k)fluoranthene	15.139	252	423530	41.646	ng	100
90) Benzo(a)pyrene	15.480	252	450041	42.856	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	476750	41.007	ng	99
92) Benzo(g,h,i)perylene	17.515	276	476423	41.096	ng	100

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

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