Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143177.D
Acq On : 22 Jul 2025 08:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 22 11:12:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	137586	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	540273	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	287067	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	481775	20.000	ng		0.00
76) Chrysene-d12	14.127	240	251217	20.000	ng		0.00
86) Perylene-d12	15.633	264	256275	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	677807	77.959	ng		0.00
7) Phenol-d6	6.587	99	854417	78.075	ng		0.00
23) Nitrobenzene-d5	7.522	82	865138	79.820	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	246542	83.135	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1563287	74.477	ng		0.00
79) Terphenyl-d14	13.069	244	1456637	86.285	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	160989	39.132	ng		99
3) Pyridine	3.593	79	412780	38.657	ng		100
4) n-Nitrosodimethylamine	3.534	42	217539	39.459	ng		100
6) Aniline	6.628	93	597655	39.186	ng		99
8) 2-Chlorophenol	6.751	128	362170	39.740	ng		97
9) Benzaldehyde	6.522	77	1059534	129.116	ng		98
10) Phenol	6.598	94	494165	41.450	ng		98
11) bis(2-Chloroethyl)ether	6.692	93	355973	38.997	ng		99
12) 1,3-Dichlorobenzene	6.910	146	386885	39.079	ng		98
13) 1,4-Dichlorobenzene	6.981	146	392969	39.415	ng		100
14) 1,2-Dichlorobenzene	7.134	146	374905	39.536	ng		99
15) Benzyl Alcohol	7.098	79	336956	40.325	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	670842	39.617	ng		99
17) 2-Methylphenol	7.210	107	304327	39.715	ng		99
18) Hexachloroethane	7.481	117	139222	40.337	ng		98
19) n-Nitroso-di-n-propyla...	7.375	70	272545	38.818	ng		98
20) 3+4-Methylphenols	7.363	107	379841	40.856	ng	#	84
22) Acetophenone	7.369	105	488181	38.166	ng		98
24) Nitrobenzene	7.545	77	403502	39.931	ng		100
25) Isophorone	7.781	82	753928	39.403	ng		100
26) 2-Nitrophenol	7.857	139	186034	42.420	ng		98
27) 2,4-Dimethylphenol	7.892	122	348982	39.039	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	444443	38.742	ng		100
29) 2,4-Dichlorophenol	8.098	162	296155	39.284	ng		99
30) 1,2,4-Trichlorobenzene	8.186	180	314359	38.597	ng		100
31) Naphthalene	8.269	128	1028678	38.661	ng		100
32) Benzoic acid	7.992	122	210097	42.399	ng		99
33) 4-Chloroaniline	8.310	127	426934	39.296	ng		100
34) Hexachlorobutadiene	8.392	225	193031	38.797	ng		98
35) Caprolactam	8.681	113	99092	43.497	ng		99
36) 4-Chloro-3-methylphenol	8.786	107	328015	40.031	ng		99
37) 2-Methylnaphthalene	8.957	142	630618	38.948	ng		99
38) 1-Methylnaphthalene	9.057	142	657714	39.448	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	311045	37.530	ng		99
41) Hexachlorocyclopentadiene	9.116	237	209543	38.857	ng		99
43) 2,4,6-Trichlorophenol	9.233	196	222071	38.716	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	227262	39.609	ng	97
46) 1,1'-Biphenyl	9.422	154	852399	38.059	ng	100
47) 2-Chloronaphthalene	9.445	162	630848	38.067	ng	100
48) 2-Nitroaniline	9.533	65	219714	42.277	ng	98
49) Acenaphthylene	9.863	152	1070369	38.541	ng	100
50) Dimethylphthalate	9.716	163	739129	39.501	ng	99
51) 2,6-Dinitrotoluene	9.775	165	163183	42.869	ng	99
52) Acenaphthene	10.039	154	634518	38.656	ng	98
53) 3-Nitroaniline	9.945	138	182622	41.017	ng	99
54) 2,4-Dinitrophenol	10.045	184	68517	43.071	ng	74
55) Dibenzofuran	10.210	168	942628	38.679	ng	99
56) 4-Nitrophenol	10.092	139	136348	41.010	ng	99
57) 2,4-Dinitrotoluene	10.180	165	208497	43.658	ng	95
58) Fluorene	10.551	166	705686	38.582	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	195488	41.130	ng	100
60) Diethylphthalate	10.416	149	745293	40.297	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	355248	39.006	ng	98
62) 4-Nitroaniline	10.557	138	160383	42.030	ng	99
63) Azobenzene	10.698	77	770158	39.955	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	100286	40.643	ng	97
66) n-Nitrosodiphenylamine	10.657	169	647888	38.190	ng	100
67) 4-Bromophenyl-phenylether	11.033	248	217849	37.943	ng	98
68) Hexachlorobenzene	11.104	284	228054	38.002	ng	99
69) Atrazine	11.180	200	194126	41.506	ng	100
70) Pentachlorophenol	11.286	266	146798	41.596	ng	99
71) Phenanthrene	11.516	178	986033	38.546	ng	100
72) Anthracene	11.563	178	1006010	38.560	ng	100
73) Carbazole	11.710	167	905667	39.755	ng	99
74) Di-n-butylphthalate	12.045	149	1085481	42.111	ng	100
75) Fluoranthene	12.704	202	966154	41.148	ng	100
77) Benzidine	12.810	184	218195	22.544	ng	99
78) Pyrene	12.933	202	950663	44.341	ng	99
80) Butylbenzylphthalate	13.539	149	311792	47.491	ng	99
81) Benzo(a)anthracene	14.116	228	650070	38.651	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	215912	38.517	ng	100
83) Chrysene	14.151	228	597875	39.537	ng	100
84) Bis(2-ethylhexyl)phtha...	14.104	149	414006	41.663	ng	100
85) Di-n-octyl phthalate	14.715	149	684937	38.026	ng	100
87) Indeno(1,2,3-cd)pyrene	17.174	276	722484	39.981	ng	99
88) Benzo(b)fluoranthene	15.186	252	649846	41.508	ng	100
89) Benzo(k)fluoranthene	15.215	252	507153	36.301	ng	99
90) Benzo(a)pyrene	15.568	252	571955	39.651	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	590913	40.175	ng	100
92) Benzo(g,h,i)perylene	17.645	276	582117	40.914	ng	99

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

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