Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143189.D
Acq On : 22 Jul 2025 15:23
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 22 15:54:55 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	121745	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	475525	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	246814	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	395216	20.000	ng		0.00
76) Chrysene-d12	14.127	240	234922	20.000	ng		0.00
86) Perylene-d12	15.633	264	268523	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	609302	79.198	ng		0.00
7) Phenol-d6	6.587	99	775213	80.055	ng		0.00
23) Nitrobenzene-d5	7.522	82	775249	81.266	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	206842	81.123	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1384823	76.735	ng		0.00
79) Terphenyl-d14	13.069	244	1177750	74.604	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.810	88	141823	38.959	ng		100
3) Pyridine	3.587	79	371810	39.351	ng		99
4) n-Nitrosodimethylamine	3.522	42	196228	40.224	ng		98
6) Aniline	6.628	93	538010	39.865	ng		99
8) 2-Chlorophenol	6.751	128	326533	40.492	ng		98
9) Benzaldehyde	6.516	77	275389	37.926	ng		100
10) Phenol	6.598	94	445290	42.211	ng		98
11) bis(2-Chloroethyl)ether	6.693	93	320130	39.634	ng		99
12) 1,3-Dichlorobenzene	6.910	146	348639	39.797	ng		99
13) 1,4-Dichlorobenzene	6.981	146	354325	40.163	ng		100
14) 1,2-Dichlorobenzene	7.134	146	339632	40.476	ng		99
15) Benzyl Alcohol	7.098	79	301897	40.831	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	606219	40.459	ng		99
17) 2-Methylphenol	7.210	107	274065	40.419	ng		99
18) Hexachloroethane	7.481	117	126249	41.338	ng		96
19) n-Nitroso-di-n-propyla...	7.375	70	242073	38.965	ng		99
20) 3+4-Methylphenols	7.363	107	340248	41.359	ng	#	83
22) Acetophenone	7.369	105	439058	38.999	ng		99
24) Nitrobenzene	7.540	77	364284	40.959	ng		97
25) Isophorone	7.781	82	660564	39.224	ng		100
26) 2-Nitrophenol	7.857	139	170696	44.222	ng		98
27) 2,4-Dimethylphenol	7.892	122	307026	39.022	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	393674	38.989	ng		100
29) 2,4-Dichlorophenol	8.098	162	266947	40.231	ng		99
30) 1,2,4-Trichlorobenzene	8.187	180	281712	39.298	ng		100
31) Naphthalene	8.269	128	922608	39.396	ng		100
32) Benzoic acid	7.987	122	189740	43.370	ng		100
33) 4-Chloroaniline	8.310	127	379789	39.717	ng		100
34) Hexachlorobutadiene	8.392	225	173811	39.691	ng		98
35) Caprolactam	8.675	113	83668	41.728	ng		98
36) 4-Chloro-3-methylphenol	8.787	107	286577	39.736	ng		98
37) 2-Methylnaphthalene	8.957	142	558861	39.216	ng		100
38) 1-Methylnaphthalene	9.057	142	579800	39.510	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	276101	38.747	ng		99
41) Hexachlorocyclopentadiene	9.116	237	183333	39.541	ng		99
43) 2,4,6-Trichlorophenol	9.234	196	192759	39.086	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	198731	40.285	ng		98
46) 1,1'-Biphenyl	9.422	154	754285	39.171	ng		99
47) 2-Chloronaphthalene	9.445	162	551856	38.731	ng		100
48) 2-Nitroaniline	9.534	65	190970	42.740	ng		98
49) Acenaphthylene	9.863	152	934478	39.136	ng		100
50) Dimethylphthalate	9.716	163	629874	39.152	ng		100
51) 2,6-Dinitrotoluene	9.775	165	136310	41.650	ng		98
52) Acenaphthene	10.039	154	556618	39.440	ng		97
53) 3-Nitroaniline	9.945	138	157487	41.140	ng		98
54) 2,4-Dinitrophenol	10.045	184	60068	43.787	ng		78
55) Dibenzofuran	10.210	168	814014	38.849	ng		99
56) 4-Nitrophenol	10.092	139	115153	40.283	ng		100
57) 2,4-Dinitrotoluene	10.181	165	177050	43.119	ng		93
58) Fluorene	10.551	166	603434	38.372	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	166321	40.701	ng		100
60) Diethylphthalate	10.416	149	619966	38.988	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	302855	38.676	ng		99
62) 4-Nitroaniline	10.557	138	135159	41.196	ng		99
63) Azobenzene	10.698	77	636485	38.405	ng		99
65) 4,6-Dinitro-2-methylph...	10.586	198	84461	41.582	ng		98
66) n-Nitrosodiphenylamine	10.657	169	539169	38.742	ng		99
67) 4-Bromophenyl-phenylether	11.028	248	185567	39.399	ng		99
68) Hexachlorobenzene	11.104	284	190328	38.662	ng		98
69) Atrazine	11.175	200	156196	40.711	ng		99
70) Pentachlorophenol	11.292	266	122659	42.369	ng		99
71) Phenanthrene	11.510	178	822568	39.198	ng		99
72) Anthracene	11.563	178	843171	39.397	ng		99
73) Carbazole	11.710	167	745732	39.904	ng		99
74) Di-n-butylphthalate	12.045	149	849173	40.158	ng		99
75) Fluoranthene	12.698	202	766621	39.801	ng		99
77) Benzidine	12.810	184	371006	40.991	ng		99
78) Pyrene	12.927	202	764286	38.120	ng		100
80) Butylbenzylphthalate	13.539	149	286273	46.629	ng		100
81) Benzo(a)anthracene	14.116	228	616503	39.198	ng		99
82) 3,3'-Dichlorobenzidine	14.074	252	225253	42.971	ng		99
83) Chrysene	14.151	228	568603	40.210	ng		99
84) Bis(2-ethylhexyl)phtha...	14.104	149	410770	44.204	ng		99
85) Di-n-octyl phthalate	14.716	149	715376	42.471	ng	#	100
87) Indeno(1,2,3-cd)pyrene	17.174	276	700038	36.972	ng		99
88) Benzo(b)fluoranthene	15.186	252	669179	40.793	ng		100
89) Benzo(k)fluoranthene	15.216	252	536517	36.651	ng		99
90) Benzo(a)pyrene	15.568	252	598833	39.621	ng		99
91) Dibenzo(a,h)anthracene	17.192	278	567481	36.822	ng		99
92) Benzo(g,h,i)perylene	17.639	276	548789	36.812	ng		99

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

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