Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072225\
Data File : BF143187.D
Acq On : 22 Jul 2025 13:55
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 22 14:27:10 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	111012	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	422094	20.000	ng		0.00
39) Acenaphthene-d10	10.004	164	210926	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	343518	20.000	ng		0.00
76) Chrysene-d12	14.127	240	225021	20.000	ng		0.00
86) Perylene-d12	15.633	264	256485	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.593	112	545451	77.753	ng		0.00
7) Phenol-d6	6.587	99	683542	77.413	ng		0.00
23) Nitrobenzene-d5	7.522	82	682159	80.559	ng		0.00
42) 2,4,6-Tribromophenol	10.792	330	180390	82.786	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1222876	79.290	ng		0.00
79) Terphenyl-d14	13.069	244	1065941	70.493	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.804	88	127151	38.305	ng		99
3) Pyridine	3.581	79	330042	38.307	ng		100
4) n-Nitrosodimethylamine	3.516	42	171619	38.581	ng		99
6) Aniline	6.628	93	472751	38.416	ng		98
8) 2-Chlorophenol	6.751	128	287831	39.143	ng		98
9) Benzaldehyde	6.516	77	247030	37.310	ng		99
10) Phenol	6.598	94	396833	41.254	ng		98
11) bis(2-Chloroethyl)ether	6.692	93	283947	38.553	ng		100
12) 1,3-Dichlorobenzene	6.910	146	314817	39.411	ng		99
13) 1,4-Dichlorobenzene	6.987	146	315046	39.163	ng		99
14) 1,2-Dichlorobenzene	7.140	146	301343	39.385	ng		99
15) Benzyl Alcohol	7.098	79	264441	39.223	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.239	45	542587	39.713	ng		99
17) 2-Methylphenol	7.210	107	243112	39.321	ng		98
18) Hexachloroethane	7.481	117	112222	40.297	ng		99
19) n-Nitroso-di-n-propyla...	7.375	70	210871	37.224	ng		99
20) 3+4-Methylphenols	7.363	107	301964	40.254	ng	#	82
22) Acetophenone	7.369	105	384155	38.442	ng	#	98
24) Nitrobenzene	7.539	77	314726	39.866	ng		99
25) Isophorone	7.781	82	564494	37.763	ng		99
26) 2-Nitrophenol	7.857	139	151024	44.078	ng		99
27) 2,4-Dimethylphenol	7.892	122	270134	38.679	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	348359	38.868	ng		100
29) 2,4-Dichlorophenol	8.098	162	232204	39.425	ng		100
30) 1,2,4-Trichlorobenzene	8.186	180	250252	39.329	ng		99
31) Naphthalene	8.269	128	818994	39.398	ng		99
32) Benzoic acid	7.981	122	166968	43.041	ng		99
33) 4-Chloroaniline	8.310	127	329590	38.830	ng		99
34) Hexachlorobutadiene	8.392	225	154282	39.691	ng		99
35) Caprolactam	8.675	113	70018	39.340	ng		97
36) 4-Chloro-3-methylphenol	8.786	107	247616	38.680	ng		97
37) 2-Methylnaphthalene	8.957	142	499061	39.453	ng		99
38) 1-Methylnaphthalene	9.057	142	512869	39.373	ng		100
40) 1,2,4,5-Tetrachloroben...	9.128	216	244698	40.183	ng		99
41) Hexachlorocyclopentadiene	9.116	237	163162	41.178	ng		100
43) 2,4,6-Trichlorophenol	9.233	196	164611	39.058	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	175359	41.595	ng	98
46) 1,1'-Biphenyl	9.422	154	657180	39.935	ng	100
47) 2-Chloronaphthalene	9.451	162	481986	39.583	ng	100
48) 2-Nitroaniline	9.533	65	162985	42.683	ng	98
49) Acenaphthylene	9.863	152	807496	39.572	ng	100
50) Dimethylphthalate	9.716	163	540541	39.316	ng	100
51) 2,6-Dinitrotoluene	9.775	165	116280	41.575	ng	98
52) Acenaphthene	10.039	154	488285	40.485	ng	98
53) 3-Nitroaniline	9.945	138	135487	41.415	ng	99
54) 2,4-Dinitrophenol	10.045	184	53173	45.117	ng	79
55) Dibenzofuran	10.210	168	702819	39.249	ng	99
56) 4-Nitrophenol	10.092	139	104968	42.968	ng	97
57) 2,4-Dinitrotoluene	10.175	165	152315	43.407	ng	98
58) Fluorene	10.551	166	529342	39.388	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	141939	40.644	ng	99
60) Diethylphthalate	10.416	149	532483	39.184	ng	100
61) 4-Chlorophenyl-phenyle...	10.539	204	268207	40.079	ng	99
62) 4-Nitroaniline	10.551	138	118821	42.379	ng	98
63) Azobenzene	10.698	77	561985	39.680	ng	99
65) 4,6-Dinitro-2-methylph...	10.586	198	72865	41.312	ng	97
66) n-Nitrosodiphenylamine	10.657	169	466349	38.553	ng	99
67) 4-Bromophenyl-phenylether	11.027	248	159858	39.049	ng	97
68) Hexachlorobenzene	11.104	284	162131	37.891	ng	99
69) Atrazine	11.180	200	137101	41.112	ng	99
70) Pentachlorophenol	11.292	266	106322	42.253	ng	99
71) Phenanthrene	11.510	178	721419	39.552	ng	99
72) Anthracene	11.563	178	739139	39.733	ng	100
73) Carbazole	11.710	167	654287	40.280	ng	99
74) Di-n-butylphthalate	12.045	149	761405	41.427	ng	99
75) Fluoranthene	12.698	202	700542	41.844	ng	99
77) Benzidine	12.816	184	345158	39.813	ng	98
78) Pyrene	12.927	202	694738	36.176	ng	100
80) Butylbenzylphthalate	13.539	149	273396	46.491	ng	100
81) Benzo(a)anthracene	14.116	228	577684	38.346	ng	100
82) 3,3'-Dichlorobenzidine	14.074	252	213772	42.575	ng	99
83) Chrysene	14.151	228	544414	40.193	ng	100
84) Bis(2-ethylhexyl)phtha...	14.104	149	393938	44.258	ng	99
85) Di-n-octyl phthalate	14.715	149	709014	43.945	ng	99
87) Indeno(1,2,3-cd)pyrene	17.174	276	677875	37.481	ng	99
88) Benzo(b)fluoranthene	15.186	252	626330	39.973	ng	99
89) Benzo(k)fluoranthene	15.221	252	538347	38.503	ng	99
90) Benzo(a)pyrene	15.568	252	573999	39.760	ng	99
91) Dibenzo(a,h)anthracene	17.192	278	549063	37.299	ng	99
92) Benzo(g,h,i)perylene	17.645	276	526414	36.968	ng	100

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

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