Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071625\
Data File : BF143137.D
Acq On : 17 Jul 2025 05:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Jul 17 05:56:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 15 17:53:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.969	152	144280	20.000	ng	0.00
21) Naphthalene-d8	8.251	136	514495	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	231809	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	340985	20.000	ng	0.00
76) Chrysene-d12	14.133	240	272684	20.000	ng	0.00
86) Perylene-d12	15.639	264	233437	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	714857	78.280	ng	0.00
7) Phenol-d6	6.586	99	891036	77.624	ng	0.00
23) Nitrobenzene-d5	7.528	82	848823	92.552	ng	0.00
42) 2,4,6-Tribromophenol	10.792	330	150891	73.003	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1409405	80.821	ng	0.00
79) Terphenyl-d14	13.074	244	1190245	63.807	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.810	88	173896	38.254	ng	99
3) Pyridine	3.581	79	450952	39.175	ng	100
4) n-Nitrosodimethylamine	3.528	42	234746	39.361	ng	99
6) Aniline	6.628	93	606069	37.494	ng	100
8) 2-Chlorophenol	6.751	128	369287	40.249	ng	98
9) Benzaldehyde	6.516	77	364773	41.704	ng	99
10) Phenol	6.604	94	514446	41.398	ng	99
11) bis(2-Chloroethyl)ether	6.698	93	373921	38.869	ng	99
12) 1,3-Dichlorobenzene	6.910	146	405053	39.077	ng	99
13) 1,4-Dichlorobenzene	6.986	146	406650	38.995	ng	100
14) 1,2-Dichlorobenzene	7.139	146	383993	38.613	ng	98
15) Benzyl Alcohol	7.098	79	345178	40.583	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.239	45	686686	38.723	ng	100
17) 2-Methylphenol	7.210	107	306021	38.650	ng	99
18) Hexachloroethane	7.486	117	136608	40.240	ng	99
19) n-Nitroso-di-n-propyla...	7.375	70	274293	39.003	ng	99
20) 3+4-Methylphenols	7.363	107	382719	39.415	ng	94
22) Acetophenone	7.375	105	493430	39.785	ng	98
24) Nitrobenzene	7.545	77	397905	44.942	ng	99
25) Isophorone	7.786	82	724887	40.892	ng	100
26) 2-Nitrophenol	7.863	139	148139	42.372	ng	99
27) 2,4-Dimethylphenol	7.892	122	339027	41.206	ng	99
28) bis(2-Chloroethoxy)met...	7.992	93	443588	41.266	ng	99
29) 2,4-Dichlorophenol	8.098	162	262840	39.049	ng	99
30) 1,2,4-Trichlorobenzene	8.192	180	305955	40.052	ng	99
31) Naphthalene	8.275	128	996982	39.022	ng	100
32) Benzoic acid	7.992	122	34786	13.853	ng	96
33) 4-Chloroaniline	8.310	127	389527	37.914	ng	99
34) Hexachlorobutadiene	8.392	225	188958	41.361	ng	99
35) Caprolactam	8.669	113	77948	37.085	ng	93
36) 4-Chloro-3-methylphenol	8.786	107	284902	37.997	ng	99
37) 2-Methylnaphthalene	8.963	142	578259	37.939	ng	99
38) 1-Methylnaphthalene	9.063	142	596132	37.710	ng	100
40) 1,2,4,5-Tetrachloroben...	9.127	216	281686	41.698	ng	98
41) Hexachlorocyclopentadiene	9.122	237	86619	23.127	ng	99
43) 2,4,6-Trichlorophenol	9.233	196	153713	36.620	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	171201	38.898	ng		98
46) 1,1'-Biphenyl	9.427	154	751239	40.638	ng		99
47) 2-Chloronaphthalene	9.451	162	537100	39.549	ng		99
48) 2-Nitroaniline	9.533	65	180073	44.648	ng		99
49) Acenaphthylene	9.869	152	882729	39.008	ng		100
50) Dimethylphthalate	9.722	163	622841	42.709	ng		100
51) 2,6-Dinitrotoluene	9.775	165	125478	43.803	ng		93
52) Acenaphthene	10.039	154	494312	37.016	ng		98
53) 3-Nitroaniline	9.945	138	142775	45.308	ng		96
54) 2,4-Dinitrophenol	10.045	184	2929	8.444	ng	#	1
55) Dibenzofuran	10.210	168	746194	37.488	ng		100
56) 4-Nitrophenol	10.086	139	94578	37.764	ng		98
57) 2,4-Dinitrotoluene	10.180	165	143263	40.390	ng		96
58) Fluorene	10.551	166	545475	36.553	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.322	232	100646	28.775	ng		98
60) Diethylphthalate	10.422	149	580771	41.278	ng		99
61) 4-Chlorophenyl-phenyle...	10.545	204	274714	38.408	ng		99
62) 4-Nitroaniline	10.557	138	120811	44.086	ng		99
63) Azobenzene	10.704	77	576851	37.072	ng		99
65) 4,6-Dinitro-2-methylph...	10.586	198	7985	11.937	ng		96
66) n-Nitrosodiphenylamine	10.657	169	486685	40.633	ng		99
67) 4-Bromophenyl-phenylether	11.033	248	158704	40.927	ng		99
68) Hexachlorobenzene	11.104	284	160507	39.011	ng		99
69) Atrazine	11.180	200	135460	44.205	ng		98
70) Pentachlorophenol	11.292	266	35640	15.788	ng		97
71) Phenanthrene	11.516	178	708454	38.498	ng		100
72) Anthracene	11.569	178	727014	39.286	ng		100
73) Carbazole	11.716	167	676020	40.776	ng		100
74) Di-n-butylphthalate	12.051	149	755302	49.632	ng		100
75) Fluoranthene	12.704	202	759494	45.390	ng		99
77) Benzidine	12.816	184	418307	45.027	ng		100
78) Pyrene	12.933	202	773774	30.583	ng		99
80) Butylbenzylphthalate	13.545	149	274779	53.627	ng		97
81) Benzo(a)anthracene	14.121	228	710019	39.075	ng		100
82) 3,3'-Dichlorobenzidine	14.080	252	233732	44.295	ng		99
83) Chrysene	14.157	228	653783	39.066	ng		98
84) Bis(2-ethylhexyl)phtha...	14.110	149	416791	53.915	ng		98
85) Di-n-octyl phthalate	14.727	149	737125	50.428	ng		97
87) Indeno(1,2,3-cd)pyrene	17.180	276	525857	30.287	ng		99
88) Benzo(b)fluoranthene	15.192	252	632221	46.952	ng		99
89) Benzo(k)fluoranthene	15.221	252	513447	39.970	ng		99
90) Benzo(a)pyrene	15.574	252	524630	41.196	ng		99
91) Dibenzo(a,h)anthracene	17.198	278	431272	30.386	ng		99
92) Benzo(g,h,i)perylene	17.645	276	419104	28.963	ng		98

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

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