Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142723.D
Acq On : 11 Jun 2025 09:24
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 11 10:43:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 05:56:09 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	78219	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	306828	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	172169	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	291189	20.000	ng	0.00
76) Chrysene-d12	14.068	240	151467	20.000	ng	0.00
86) Perylene-d12	15.562	264	144700	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	356932	77.718	ng	0.00
7) Phenol-d6	6.522	99	427800	79.151	ng	0.00
23) Nitrobenzene-d5	7.463	82	438940	78.292	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	150317	79.661	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1000211	77.182	ng	0.00
79) Terphenyl-d14	13.010	244	909882	82.504	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	70362	38.713	ng	99
3) Pyridine	3.434	79	181890	39.912	ng	99
4) n-Nitrosodimethylamine	3.393	42	92221	39.551	ng	99
6) Aniline	6.557	93	286728	39.637	ng	99
8) 2-Chlorophenol	6.675	128	196912	39.234	ng	100
9) Benzaldehyde	6.445	77	128021	38.249	ng	99
10) Phenol	6.534	94	238989	39.780	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	177643	39.588	ng	99
12) 1,3-Dichlorobenzene	6.834	146	223632	39.044	ng	99
13) 1,4-Dichlorobenzene	6.910	146	226923	39.202	ng	99
14) 1,2-Dichlorobenzene	7.063	146	216495	39.017	ng	99
15) Benzyl Alcohol	7.034	79	165174	40.433	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	281441	39.836	ng	99
17) 2-Methylphenol	7.145	107	154089	40.048	ng	100
18) Hexachloroethane	7.410	117	79503	38.325	ng	96
19) n-Nitroso-di-n-propyla...	7.310	70	139102	40.427	ng	98
20) 3+4-Methylphenols	7.298	107	194307	40.057	ng	96
22) Acetophenone	7.304	105	264649	38.775	ng	99
24) Nitrobenzene	7.481	77	196237	39.438	ng	98
25) Isophorone	7.716	82	376632	39.677	ng	100
26) 2-Nitrophenol	7.792	139	111614	40.193	ng	99
27) 2,4-Dimethylphenol	7.828	122	186898	39.530	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	233354	39.595	ng	99
29) 2,4-Dichlorophenol	8.039	162	174063	39.892	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	188170	39.027	ng	99
31) Naphthalene	8.204	128	598797	39.461	ng	100
32) Benzoic acid	7.945	122	107892	40.520	ng	99
33) 4-Chloroaniline	8.251	127	244917	40.198	ng	99
34) Hexachlorobutadiene	8.316	225	121013	39.386	ng	99
35) Caprolactam	8.622	113	48942	41.553	ng	97
36) 4-Chloro-3-methylphenol	8.728	107	181270	39.954	ng	98
37) 2-Methylnaphthalene	8.892	142	379974	39.561	ng	99
38) 1-Methylnaphthalene	8.992	142	394920	39.691	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	195292	39.191	ng	99
41) Hexachlorocyclopentadiene	9.045	237	127080	39.734	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	131246	40.688	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	135988	39.033	ng		99
46) 1,1'-Biphenyl	9.357	154	522058	39.049	ng		100
47) 2-Chloronaphthalene	9.380	162	390352	39.632	ng		100
48) 2-Nitroaniline	9.480	65	112135	40.029	ng		96
49) Acenaphthylene	9.798	152	651104	39.206	ng		99
50) Dimethylphthalate	9.657	163	456082	39.669	ng		100
51) 2,6-Dinitrotoluene	9.722	165	98186	39.514	ng		96
52) Acenaphthene	9.975	154	403723	39.208	ng		99
53) 3-Nitroaniline	9.892	138	106252	39.423	ng		97
54) 2,4-Dinitrophenol	9.998	184	54702	40.188	ng		90
55) Dibenzofuran	10.145	168	575927	39.278	ng		99
56) 4-Nitrophenol	10.045	139	73907	40.432	ng		98
57) 2,4-Dinitrotoluene	10.122	165	135035	41.102	ng		99
58) Fluorene	10.486	166	447860	38.679	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	115317	39.344	ng		100
60) Diethylphthalate	10.357	149	454002	39.823	ng		100
61) 4-Chlorophenyl-phenyle...	10.475	204	224135	39.637	ng		99
62) 4-Nitroaniline	10.504	138	99888	41.427	ng		99
63) Azobenzene	10.639	77	400645	40.239	ng		99
65) 4,6-Dinitro-2-methylph...	10.533	198	72521	39.770	ng		97
66) n-Nitrosodiphenylamine	10.598	169	388235	38.788	ng		100
67) 4-Bromophenyl-phenylether	10.969	248	135412	39.397	ng		98
68) Hexachlorobenzene	11.033	284	148372	38.888	ng		99
69) Atrazine	11.122	200	111926	41.943	ng		98
70) Pentachlorophenol	11.227	266	80252	40.127	ng		96
71) Phenanthrene	11.451	178	607696	38.955	ng		100
72) Anthracene	11.504	178	622981	38.603	ng		100
73) Carbazole	11.657	167	536095	39.681	ng		99
74) Di-n-butylphthalate	11.980	149	641208	42.505	ng		99
75) Fluoranthene	12.639	202	592143	39.918	ng		99
77) Benzidine	12.763	184	252286	46.769	ng		99
78) Pyrene	12.868	202	576896	40.985	ng		100
80) Butylbenzylphthalate	13.486	149	178350	42.848	ng		99
81) Benzo(a)anthracene	14.057	228	402953	40.146	ng		99
82) 3,3'-Dichlorobenzidine	14.021	252	123235	38.074	ng		99
83) Chrysene	14.098	228	353764	38.175	ng		100
84) Bis(2-ethylhexyl)phtha...	14.045	149	248697	39.812	ng	#	99
85) Di-n-octyl phthalate	14.657	149	454287	37.906	ng		100
87) Indeno(1,2,3-cd)pyrene	17.086	276	434462	40.517	ng		100
88) Benzo(b)fluoranthene	15.121	252	344883	40.478	ng		99
89) Benzo(k)fluoranthene	15.157	252	327636	39.633	ng		100
90) Benzo(a)pyrene	15.504	252	321736	39.716	ng		99
91) Dibenzo(a,h)anthracene	17.104	278	358984	41.000	ng		98
92) Benzo(g,h,i)perylene	17.545	276	346114	39.753	ng		98

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

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