Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061225\
Data File : BF142748.D
Acq On : 12 Jun 2025 09:50
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 12 11:52:50 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	70133	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	258971	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	130776	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	201441	20.000	ng	0.00
76) Chrysene-d12	14.068	240	120471	20.000	ng	0.00
86) Perylene-d12	15.562	264	146263	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	329486	80.014	ng	0.00
7) Phenol-d6	6.522	99	376588	77.709	ng	0.00
23) Nitrobenzene-d5	7.457	82	374556	79.154	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	104333	72.793	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	788374	80.091	ng	0.00
79) Terphenyl-d14	13.010	244	600158	68.422	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	66882	41.041	ng	99
3) Pyridine	3.434	79	165652	40.540	ng	99
4) n-Nitrosodimethylamine	3.387	42	83985	40.171	ng	97
6) Aniline	6.557	93	250577	38.633	ng	99
8) 2-Chlorophenol	6.675	128	177033	39.340	ng	99
9) Benzaldehyde	6.445	77	111764	37.242	ng	98
10) Phenol	6.534	94	209919	38.970	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	153270	38.094	ng	100
12) 1,3-Dichlorobenzene	6.834	146	200489	39.039	ng	100
13) 1,4-Dichlorobenzene	6.910	146	203549	39.218	ng	99
14) 1,2-Dichlorobenzene	7.063	146	191488	38.489	ng	100
15) Benzyl Alcohol	7.034	79	138577	37.834	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	238329	37.623	ng	97
17) 2-Methylphenol	7.145	107	133351	38.654	ng	98
18) Hexachloroethane	7.404	117	72032	38.727	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	111480	36.135	ng	99
20) 3+4-Methylphenols	7.298	107	164259	37.767	ng	96
22) Acetophenone	7.304	105	223776	38.846	ng	98
24) Nitrobenzene	7.475	77	167873	39.972	ng	97
25) Isophorone	7.716	82	294180	36.718	ng	99
26) 2-Nitrophenol	7.792	139	91018	38.833	ng	99
27) 2,4-Dimethylphenol	7.828	122	157079	39.362	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	188926	37.980	ng	99
29) 2,4-Dichlorophenol	8.033	162	143852	39.061	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	160740	39.499	ng	99
31) Naphthalene	8.198	128	498957	38.957	ng	99
32) Benzoic acid	7.933	122	78408	34.889	ng	99
33) 4-Chloroaniline	8.245	127	195086	37.937	ng	98
34) Hexachlorobutadiene	8.316	225	103103	39.758	ng	99
35) Caprolactam	8.610	113	34257	34.460	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	141074	36.840	ng	97
37) 2-Methylnaphthalene	8.886	142	305097	37.635	ng	99
38) 1-Methylnaphthalene	8.986	142	316731	37.715	ng	99
40) 1,2,4,5-Tetrachloroben...	9.057	216	155435	41.066	ng	99
41) Hexachlorocyclopentadiene	9.039	237	94006	38.696	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	99742	40.709	ng	99

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Quant Time: Jun 12 11:52:50 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)
44) 2,4,5-Trichlorophenol	9.210	196	105174	39.743	ng	98
46) 1,1'-Biphenyl	9.351	154	407565	40.135	ng	100
47) 2-Chloronaphthalene	9.380	162	302204	40.394	ng	99
48) 2-Nitroaniline	9.475	65	82073	38.571	ng	97
49) Acenaphthylene	9.798	152	500419	39.670	ng	99
50) Dimethylphthalate	9.651	163	326405	37.376	ng	100
51) 2,6-Dinitrotoluene	9.716	165	69605	36.878	ng	94
52) Acenaphthene	9.969	154	301998	38.612	ng	100
53) 3-Nitroaniline	9.886	138	75792	37.023	ng	100
54) 2,4-Dinitrophenol	9.992	184	32667	31.596	ng	93
55) Dibenzofuran	10.139	168	429895	38.599	ng	99
56) 4-Nitrophenol	10.045	139	48481	34.917	ng	98
57) 2,4-Dinitrotoluene	10.116	165	91979	36.858	ng	98
58) Fluorene	10.480	166	328798	37.384	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.257	232	82049	36.854	ng	99
60) Diethylphthalate	10.351	149	307692	35.532	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	162013	37.719	ng	98
62) 4-Nitroaniline	10.498	138	66486	36.302	ng	99
63) Azobenzene	10.633	77	276276	36.531	ng	99
65) 4,6-Dinitro-2-methylph...	10.527	198	45921	36.403	ng	96
66) n-Nitrosodiphenylamine	10.592	169	275769	39.826	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	93175	39.186	ng	97
68) Hexachlorobenzene	11.033	284	102465	38.821	ng	97
69) Atrazine	11.116	200	67086	36.340	ng	99
70) Pentachlorophenol	11.227	266	51113	36.943	ng	99
71) Phenanthrene	11.445	178	415432	38.495	ng	100
72) Anthracene	11.498	178	431416	38.643	ng	99
73) Carbazole	11.651	167	359418	38.456	ng	99
74) Di-n-butylphthalate	11.980	149	383024	36.702	ng	100
75) Fluoranthene	12.639	202	382336	37.257	ng	100
77) Benzidine	12.757	184	166513	38.811	ng	99
78) Pyrene	12.868	202	384138	34.312	ng	99
80) Butylbenzylphthalate	13.480	149	136432	41.210	ng	98
81) Benzo(a)anthracene	14.057	228	312617	39.159	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	112029	43.517	ng	99
83) Chrysene	14.092	228	292572	39.694	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	212853	42.841	ng	99
85) Di-n-octyl phthalate	14.657	149	396275	41.573	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	414622	38.253	ng	99
88) Benzo(b)fluoranthene	15.121	252	318602	36.994	ng	100
89) Benzo(k)fluoranthene	15.151	252	331629	39.687	ng	99
90) Benzo(a)pyrene	15.498	252	319962	39.075	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	335674	37.928	ng	100
92) Benzo(g,h,i)perylene	17.533	276	328990	37.382	ng	99

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

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