Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111325\
Data File : BF144243.D
Acq On : 13 Nov 2025 14:56
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Nov 13 15:18:15 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 05 18:37:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	57801	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	225618	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	126474	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	214028	20.000	ng	0.00
76) Chrysene-d12	14.045	240	119800	20.000	ng	0.00
86) Perylene-d12	15.521	264	154528	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	317850	86.053	ng	-0.01
7) Phenol-d6	6.498	99	352742	84.283	ng	0.00
23) Nitrobenzene-d5	7.434	82	327055	83.721	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	125941	79.353	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	671420	78.407	ng	0.00
79) Terphenyl-d14	12.980	244	628319	83.308	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.599	88	64325	42.123	ng	97
3) Pyridine	3.369	79	187268	43.956	ng	99
4) n-Nitrosodimethylamine	3.316	42	94773	42.588	ng	99
6) Aniline	6.528	93	255676	42.878	ng	94
8) 2-Chlorophenol	6.651	128	153049	42.252	ng	98
9) Benzaldehyde	6.422	77	139426	58.996	ng	97
10) Phenol	6.510	94	221166	43.252	ng	97
11) bis(2-Chloroethyl)ether	6.604	93	162086	43.502	ng	99
12) 1,3-Dichlorobenzene	6.810	146	186845	41.801	ng	98
13) 1,4-Dichlorobenzene	6.887	146	188761	42.152	ng	98
14) 1,2-Dichlorobenzene	7.034	146	177796	41.423	ng	99
15) Benzyl Alcohol	7.010	79	141987	42.845	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	294701	42.950	ng	90
17) 2-Methylphenol	7.122	107	122046	42.352	ng	95
18) Hexachloroethane	7.375	117	62410	41.949	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	112683	40.899	ng	95
20) 3+4-Methylphenols	7.275	107	141494	41.653	ng	97
22) Acetophenone	7.275	105	195657	40.425	ng	94
24) Nitrobenzene	7.451	77	176289	41.563	ng	99
25) Isophorone	7.686	82	306409	41.467	ng	100
26) 2-Nitrophenol	7.769	139	91269	43.469	ng	97
27) 2,4-Dimethylphenol	7.804	122	131515	41.791	ng	98
28) bis(2-Chloroethoxy)met...	7.898	93	191324	41.464	ng	98
29) 2,4-Dichlorophenol	8.010	162	150726	41.555	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	149265	40.076	ng	97
31) Naphthalene	8.175	128	434920	40.524	ng	99
32) Benzoic acid	7.916	122	91717	39.760	ng	99
33) 4-Chloroaniline	8.222	127	163820	41.852	ng	98
34) Hexachlorobutadiene	8.286	225	113192	40.325	ng	99
35) Caprolactam	8.592	113	41292	41.553	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	136882	42.109	ng	99
37) 2-Methylnaphthalene	8.863	142	286611	39.942	ng	99
38) 1-Methylnaphthalene	8.963	142	277452	40.073	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	165890	40.022	ng	99
41) Hexachlorocyclopentadiene	9.016	237	74643	53.524	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	115545	40.957	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	121468	39.949	ng	98
46) 1,1'-Biphenyl	9.328	154	358522	40.611	ng	100
47) 2-Chloronaphthalene	9.351	162	301868	40.085	ng	99
48) 2-Nitroaniline	9.451	65	96372	44.353	ng	98
49) Acenaphthylene	9.769	152	415869	40.524	ng	99
50) Dimethylphthalate	9.622	163	344741	41.145	ng	100
51) 2,6-Dinitrotoluene	9.692	165	73622	43.406	ng	99
52) Acenaphthene	9.939	154	294814	42.960	ng	100
53) 3-Nitroaniline	9.863	138	80793	43.575	ng	100
54) 2,4-Dinitrophenol	9.975	184	63105	61.614	ng	98
55) Dibenzofuran	10.110	168	389584	40.534	ng	98
56) 4-Nitrophenol	10.027	139	52059	38.815	ng	95
57) 2,4-Dinitrotoluene	10.098	165	98763	43.497	ng	98
58) Fluorene	10.457	166	291978	39.956	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	88970	41.358	ng	99
60) Diethylphthalate	10.327	149	316454	40.971	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	163577	39.298	ng	96
62) 4-Nitroaniline	10.475	138	73241	41.480	ng	97
63) Azobenzene	10.610	77	300797	41.845	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	60897	41.883	ng	96
66) n-Nitrosodiphenylamine	10.569	169	286181	41.574	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	112659	41.239	ng	97
68) Hexachlorobenzene	11.004	284	128315	39.877	ng	99
69) Atrazine	11.092	200	81223	37.102	ng	98
70) Pentachlorophenol	11.204	266	62518	39.017	ng	97
71) Phenanthrene	11.422	178	431095	40.455	ng	99
72) Anthracene	11.474	178	439781	40.587	ng	100
73) Carbazole	11.627	167	366873	39.818	ng	99
74) Di-n-butylphthalate	11.957	149	422893	37.967	ng	99
75) Fluoranthene	12.616	202	417617	37.938	ng	98
77) Benzidine	12.733	184	159854	45.111	ng	99
78) Pyrene	12.845	202	424749	43.973	ng	99
80) Butylbenzylphthalate	13.457	149	137100	40.952	ng	99
81) Benzo(a)anthracene	14.033	228	341236	41.098	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	114359	40.181	ng	97
83) Chrysene	14.068	228	328428	42.849	ng	98
84) Bis(2-ethylhexyl)phtha...	14.015	149	175802	38.360	ng	98
85) Di-n-octyl phthalate	14.633	149	306354	38.744	ng	99
87) Indeno(1,2,3-cd)pyrene	17.027	276	457738	41.265	ng	99
88) Benzo(b)fluoranthene	15.092	252	353587	40.248	ng	100
89) Benzo(k)fluoranthene	15.121	252	330283	40.166	ng	98
90) Benzo(a)pyrene	15.462	252	326068	40.232	ng	97
91) Dibenzo(a,h)anthracene	17.039	278	370468	41.586	ng	98
92) Benzo(g,h,i)perylene	17.474	276	370077	42.067	ng	99

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

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