Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112125\
Data File : BF144306.D
Acq On : 21 Nov 2025 14:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Nov 21 14:33:27 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	6.863	152	56287	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	212870	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	110190	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	161484	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	133093	20.000	ng	0.00
86) Perylene-d12	15.521	264	162019	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	318466	88.539	ng	-0.01
7) Phenol-d6	6.498	99	350155	85.915	ng	0.00
23) Nitrobenzene-d5	7.428	82	312465	84.777	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	99486	71.948	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	640604	85.863	ng	0.00
79) Terphenyl-d14	12.980	244	560303	66.870	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	67689	45.519	ng	99
3) Pyridine	3.363	79	187179	45.117	ng	99
4) n-Nitrosodimethylamine	3.310	42	90383	41.707	ng	91
6) Aniline	6.528	93	253947	43.733	ng	96
8) 2-Chlorophenol	6.651	128	155969	44.216	ng	98
9) Benzaldehyde	6.416	77	117987	51.268	ng	97
10) Phenol	6.510	94	214728	43.122	ng	97
11) bis(2-Chloroethyl)ether	6.598	93	159668	44.005	ng	99
12) 1,3-Dichlorobenzene	6.804	146	189305	43.491	ng	99
13) 1,4-Dichlorobenzene	6.881	146	189894	43.546	ng	99
14) 1,2-Dichlorobenzene	7.034	146	180798	43.256	ng	98
15) Benzyl Alcohol	7.010	79	134409	41.649	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.134	45	296087	44.313	ng	93
17) 2-Methylphenol	7.116	107	119469	42.573	ng	97
18) Hexachloroethane	7.375	117	62437	43.096	ng	99
19) n-Nitroso-di-n-propyla...	7.275	70	107136	39.932	ng	97
20) 3+4-Methylphenols	7.275	107	137968	41.707	ng	94
22) Acetophenone	7.275	105	189313	41.457	ng	97
24) Nitrobenzene	7.451	77	171922	42.961	ng	98
25) Isophorone	7.687	82	285614	40.968	ng	99
26) 2-Nitrophenol	7.763	139	88716	44.784	ng	96
27) 2,4-Dimethylphenol	7.798	122	120878	40.711	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	187983	43.180	ng	98
29) 2,4-Dichlorophenol	8.010	162	144093	42.106	ng	98
30) 1,2,4-Trichlorobenzene	8.087	180	147284	41.913	ng	97
31) Naphthalene	8.169	128	424771	41.949	ng	99
32) Benzoic acid	7.916	122	85927	39.480	ng	97
33) 4-Chloroaniline	8.216	127	153648	41.604	ng	99
34) Hexachlorobutadiene	8.281	225	107136	40.454	ng	98
35) Caprolactam	8.587	113	35050	37.384	ng	94
36) 4-Chloro-3-methylphenol	8.698	107	122705	40.008	ng	99
37) 2-Methylnaphthalene	8.857	142	278706	41.167	ng	99
38) 1-Methylnaphthalene	8.957	142	261563	40.040	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	151948	42.076	ng	96
41) Hexachlorocyclopentadiene	9.010	237	46287	41.498	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	106653	43.392	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	109142	41.200	ng	97
46) 1,1'-Biphenyl	9.322	154	330460	42.964	ng	100
47) 2-Chloronaphthalene	9.351	162	280033	42.681	ng	100
48) 2-Nitroaniline	9.445	65	78913	41.685	ng	97
49) Acenaphthylene	9.763	152	373791	41.807	ng	100
50) Dimethylphthalate	9.616	163	299565	41.037	ng	100
51) 2,6-Dinitrotoluene	9.686	165	61894	41.885	ng	96
52) Acenaphthene	9.939	154	236635	39.578	ng	99
53) 3-Nitroaniline	9.857	138	64686	40.044	ng	97
54) 2,4-Dinitrophenol	9.969	184	48158	53.969	ng	97
55) Dibenzofuran	10.110	168	341193	40.746	ng	99
56) 4-Nitrophenol	10.028	139	44271	37.887	ng	95
57) 2,4-Dinitrotoluene	10.092	165	78870	39.869	ng	99
58) Fluorene	10.451	166	253506	39.818	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.228	232	73230	39.072	ng	98
60) Diethylphthalate	10.322	149	266176	39.554	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	145532	40.129	ng	98
62) 4-Nitroaniline	10.475	138	58219	37.845	ng	92
63) Azobenzene	10.604	77	249773	39.882	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	44048	40.152	ng	98
66) n-Nitrosodiphenylamine	10.563	169	237829	45.791	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	91070	44.183	ng	97
68) Hexachlorobenzene	11.004	284	101233	41.697	ng	97
69) Atrazine	11.086	200	65478	39.642	ng	99
70) Pentachlorophenol	11.198	266	57915	47.905	ng	97
71) Phenanthrene	11.416	178	350643	43.612	ng	98
72) Anthracene	11.469	178	347117	42.459	ng	99
73) Carbazole	11.628	167	291355	41.911	ng	99
74) Di-n-butylphthalate	11.951	149	352375	41.930	ng	99
75) Fluoranthene	12.610	202	353784	42.597	ng	98
77) Benzidine	12.733	184	155437	39.483	ng	99
78) Pyrene	12.839	202	368010	34.294	ng	99
80) Butylbenzylphthalate	13.457	149	145485	39.116	ng	95
81) Benzo(a)anthracene	14.033	228	395142	42.837	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	133063	42.084	ng	96
83) Chrysene	14.069	228	352322	41.375	ng	97
84) Bis(2-ethylhexyl)phtha...	14.010	149	207628	40.779	ng	98
85) Di-n-octyl phthalate	14.627	149	399091	45.431	ng	100
87) Indeno(1,2,3-cd)pyrene	17.021	276	395309	33.989	ng	97
88) Benzo(b)fluoranthene	15.092	252	430909	46.781	ng	99
89) Benzo(k)fluoranthene	15.116	252	380682	44.155	ng	99
90) Benzo(a)pyrene	15.463	252	370630	43.616	ng	98
91) Dibenzo(a,h)anthracene	17.033	278	325069	34.802	ng	98
92) Benzo(g,h,i)perylene	17.474	276	293563	31.827	ng	98

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

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