Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120425\
Data File : BF144426.D
Acq On : 04 Dec 2025 13:01
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Dec 04 13:23:14 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	56078	20.000	ng		-0.01
21) Naphthalene-d8	8.145	136	204537	20.000	ng		-0.01
39) Acenaphthene-d10	9.904	164	108984	20.000	ng		-0.01
64) Phenanthrene-d10	11.392	188	180490	20.000	ng		-0.01
76) Chrysene-d12	14.045	240	138675	20.000	ng		0.00
86) Perylene-d12	15.527	264	179817	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.487	112	315684	88.093	ng		0.00
7) Phenol-d6	6.504	99	333999	82.257	ng		0.00
23) Nitrobenzene-d5	7.428	82	302634	85.455	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	108356	79.229	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	599624	81.260	ng		0.00
79) Terphenyl-d14	12.980	244	637843	73.060	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.581	88	63304	42.728	ng		98
3) Pyridine	3.357	79	180071	43.565	ng		97
4) n-Nitrosodimethylamine	3.305	42	86830	40.217	ng		93
6) Aniline	6.528	93	239060	41.323	ng	#	88
8) 2-Chlorophenol	6.651	128	147844	42.069	ng		99
9) Benzaldehyde	6.416	77	128756	56.155	ng		99
10) Phenol	6.516	94	205282	41.379	ng		80
11) bis(2-Chloroethyl)ether	6.598	93	152451	42.173	ng		100
12) 1,3-Dichlorobenzene	6.804	146	177746	40.988	ng		98
13) 1,4-Dichlorobenzene	6.881	146	182387	41.980	ng		98
14) 1,2-Dichlorobenzene	7.034	146	172341	41.386	ng		98
15) Benzyl Alcohol	7.010	79	132244	41.131	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	268538	40.340	ng		86
17) 2-Methylphenol	7.122	107	112825	40.355	ng		94
18) Hexachloroethane	7.375	117	59118	40.957	ng		100
19) n-Nitroso-di-n-propyla...	7.275	70	102108	38.200	ng		97
20) 3+4-Methylphenols	7.275	107	131170	39.800	ng		92
22) Acetophenone	7.275	105	182653	41.628	ng		96
24) Nitrobenzene	7.451	77	165774	43.112	ng		98
25) Isophorone	7.687	82	279863	41.779	ng		99
26) 2-Nitrophenol	7.763	139	84810	44.556	ng		96
27) 2,4-Dimethylphenol	7.798	122	116292	40.762	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	178122	42.581	ng		98
29) 2,4-Dichlorophenol	8.010	162	137768	41.898	ng		99
30) 1,2,4-Trichlorobenzene	8.087	180	135862	40.237	ng		99
31) Naphthalene	8.169	128	403188	41.439	ng		100
32) Benzoic acid	7.922	122	79486	38.009	ng		96
33) 4-Chloroaniline	8.216	127	151420	42.671	ng		98
34) Hexachlorobutadiene	8.281	225	100082	39.330	ng		97
35) Caprolactam	8.592	113	37880	42.048	ng		98
36) 4-Chloro-3-methylphenol	8.704	107	121872	41.356	ng		97
37) 2-Methylnaphthalene	8.857	142	264245	40.621	ng		100
38) 1-Methylnaphthalene	8.957	142	249189	39.700	ng		97
40) 1,2,4,5-Tetrachloroben...	9.028	216	147526	41.304	ng		99
41) Hexachlorocyclopentadiene	9.010	237	34727	33.690	ng		97
43) 2,4,6-Trichlorophenol	9.139	196	102755	42.269	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	106134	40.508	ng	99
46) 1,1'-Biphenyl	9.322	154	321229	42.226	ng	99
47) 2-Chloronaphthalene	9.351	162	274502	42.301	ng	99
48) 2-Nitroaniline	9.451	65	81748	43.661	ng	97
49) Acenaphthylene	9.763	152	366760	41.474	ng	99
50) Dimethylphthalate	9.616	163	295953	40.991	ng	99
51) 2,6-Dinitrotoluene	9.686	165	61649	42.180	ng	98
52) Acenaphthene	9.934	154	226189	38.250	ng	98
53) 3-Nitroaniline	9.863	138	68477	42.860	ng	100
54) 2,4-Dinitrophenol	9.975	184	42826	48.524	ng	95
55) Dibenzofuran	10.110	168	337176	40.712	ng	99
56) 4-Nitrophenol	10.034	139	50496	43.692	ng	93
57) 2,4-Dinitrotoluene	10.098	165	82054	41.937	ng	93
58) Fluorene	10.451	166	256320	40.706	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.234	232	74717	40.307	ng	98
60) Diethylphthalate	10.322	149	271154	40.740	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	143629	40.043	ng	98
62) 4-Nitroaniline	10.475	138	67516	44.374	ng	91
63) Azobenzene	10.604	77	254533	41.092	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	45983	37.502	ng	97
66) n-Nitrosodiphenylamine	10.563	169	250349	43.126	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	93357	40.523	ng	99
68) Hexachlorobenzene	11.004	284	111967	41.262	ng	95
69) Atrazine	11.086	200	73075	39.583	ng	99
70) Pentachlorophenol	11.204	266	58199	43.071	ng	98
71) Phenanthrene	11.416	178	377771	42.038	ng	99
72) Anthracene	11.469	178	382197	41.827	ng	99
73) Carbazole	11.628	167	336535	43.312	ng	99
74) Di-n-butylphthalate	11.951	149	382480	40.719	ng	100
75) Fluoranthene	12.610	202	404793	43.606	ng	99
77) Benzidine	12.733	184	199545	48.647	ng	99
78) Pyrene	12.839	202	423654	37.890	ng	99
80) Butylbenzylphthalate	13.451	149	152532	39.360	ng	99
81) Benzo(a)anthracene	14.033	228	399358	41.551	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	138195	41.947	ng	97
83) Chrysene	14.069	228	378332	42.641	ng	97
84) Bis(2-ethylhexyl)phtha...	14.010	149	210311	39.644	ng	98
85) Di-n-octyl phthalate	14.627	149	371206	40.556	ng	98
87) Indeno(1,2,3-cd)pyrene	17.039	276	496781	38.486	ng	99
88) Benzo(b)fluoranthene	15.092	252	466788	45.661	ng	100
89) Benzo(k)fluoranthene	15.121	252	366856	38.339	ng	99
90) Benzo(a)pyrene	15.463	252	394568	41.837	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	394813	38.086	ng	98
92) Benzo(g,h,i)perylene	17.492	276	392760	38.367	ng	100

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

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