Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112525\
Data File : BF144344.D
Acq On : 25 Nov 2025 11:40
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Nov 25 11:59:50 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	54648	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	193726	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	94950	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	144859	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	120650	20.000	ng	0.00
86) Perylene-d12	15.521	264	173611	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	295649	84.661	ng	-0.01
7) Phenol-d6	6.498	99	314736	79.541	ng	0.00
23) Nitrobenzene-d5	7.428	82	275295	82.073	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	81205	68.153	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	526235	81.855	ng	0.00
79) Terphenyl-d14	12.980	244	488870	64.362	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	63628	44.071	ng	99
3) Pyridine	3.357	79	178223	44.247	ng	96
4) n-Nitrosodimethylamine	3.298	42	79255	37.669	ng	87
6) Aniline	6.528	93	226392	40.157	ng	97
8) 2-Chlorophenol	6.651	128	139300	40.675	ng	97
9) Benzaldehyde	6.416	77	96564	43.217	ng	99
10) Phenol	6.510	94	196094	40.561	ng	97
11) bis(2-Chloroethyl)ether	6.598	93	145477	41.297	ng	98
12) 1,3-Dichlorobenzene	6.804	146	168928	39.974	ng	98
13) 1,4-Dichlorobenzene	6.881	146	168869	39.886	ng	98
14) 1,2-Dichlorobenzene	7.034	146	158106	38.961	ng	99
15) Benzyl Alcohol	7.004	79	117373	37.461	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.134	45	263091	40.556	ng	94
17) 2-Methylphenol	7.116	107	105920	38.877	ng	97
18) Hexachloroethane	7.375	117	57154	40.633	ng	96
19) n-Nitroso-di-n-propyla...	7.275	70	89509	34.362	ng	98
20) 3+4-Methylphenols	7.275	107	125683	39.133	ng	96
22) Acetophenone	7.275	105	163534	39.350	ng	99
24) Nitrobenzene	7.445	77	147099	40.390	ng	97
25) Isophorone	7.686	82	238872	37.649	ng	97
26) 2-Nitrophenol	7.763	139	76938	42.676	ng	94
27) 2,4-Dimethylphenol	7.798	122	108461	40.139	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	159616	40.287	ng	98
29) 2,4-Dichlorophenol	8.010	162	126687	40.678	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	127479	39.862	ng	99
31) Naphthalene	8.169	128	377994	41.018	ng	99
32) Benzoic acid	7.910	122	63485	32.052	ng	96
33) 4-Chloroaniline	8.216	127	131307	39.068	ng	99
34) Hexachlorobutadiene	8.281	225	89554	37.156	ng	98
35) Caprolactam	8.580	113	30201	35.395	ng	96
36) 4-Chloro-3-methylphenol	8.698	107	101690	36.433	ng	100
37) 2-Methylnaphthalene	8.857	142	236260	38.346	ng	99
38) 1-Methylnaphthalene	8.957	142	228938	38.509	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	131880	42.380	ng	100
41) Hexachlorocyclopentadiene	9.010	237	33161	36.104	ng	94
43) 2,4,6-Trichlorophenol	9.139	196	86092	40.649	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	90683	39.727	ng		99
46) 1,1'-Biphenyl	9.322	154	278323	41.993	ng		99
47) 2-Chloronaphthalene	9.351	162	239818	42.419	ng		98
48) 2-Nitroaniline	9.445	65	63792	39.106	ng		92
49) Acenaphthylene	9.763	152	312030	40.501	ng		100
50) Dimethylphthalate	9.616	163	236751	37.638	ng		100
51) 2,6-Dinitrotoluene	9.686	165	50668	39.791	ng		92
52) Acenaphthene	9.933	154	200000	38.820	ng		99
53) 3-Nitroaniline	9.857	138	54654	39.264	ng		98
54) 2,4-Dinitrophenol	9.975	184	30351	39.472	ng		93
55) Dibenzofuran	10.110	168	285000	39.498	ng		98
56) 4-Nitrophenol	10.027	139	36313	36.064	ng		92
57) 2,4-Dinitrotoluene	10.092	165	63553	37.283	ng		98
58) Fluorene	10.451	166	217807	39.702	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.227	232	57006	35.298	ng		99
60) Diethylphthalate	10.322	149	210373	36.280	ng		99
61) 4-Chlorophenyl-phenyle...	10.439	204	116961	37.428	ng		99
62) 4-Nitroaniline	10.469	138	51185	38.613	ng		89
63) Azobenzene	10.604	77	206213	38.211	ng		96
65) 4,6-Dinitro-2-methylph...	10.504	198	34289	34.844	ng		98
66) n-Nitrosodiphenylamine	10.563	169	201780	43.309	ng		98
67) 4-Bromophenyl-phenylether	10.933	248	72000	38.940	ng		98
68) Hexachlorobenzene	11.004	284	83867	38.509	ng		96
69) Atrazine	11.086	200	54824	37.001	ng		99
70) Pentachlorophenol	11.198	266	44612	41.136	ng		99
71) Phenanthrene	11.416	178	302928	42.001	ng		99
72) Anthracene	11.469	178	302496	41.247	ng		99
73) Carbazole	11.627	167	263115	42.192	ng		98
74) Di-n-butylphthalate	11.951	149	303507	40.260	ng		99
75) Fluoranthene	12.610	202	316916	42.537	ng		99
77) Benzidine	12.733	184	111514	31.247	ng		99
78) Pyrene	12.839	202	331670	34.095	ng		99
80) Butylbenzylphthalate	13.451	149	134153	39.789	ng		98
81) Benzo(a)anthracene	14.033	228	341984	40.898	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	120184	41.931	ng		96
83) Chrysene	14.068	228	317290	41.104	ng		98
84) Bis(2-ethylhexyl)phtha...	14.010	149	195373	42.330	ng		100
85) Di-n-octyl phthalate	14.627	149	362766	45.555	ng	#	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	485077	38.923	ng		97
88) Benzo(b)fluoranthene	15.092	252	378952	38.394	ng		100
89) Benzo(k)fluoranthene	15.121	252	368880	39.929	ng		98
90) Benzo(a)pyrene	15.462	252	365666	40.158	ng		98
91) Dibenzo(a,h)anthracene	17.045	278	387568	38.723	ng		99
92) Benzo(g,h,i)perylene	17.486	276	383700	38.821	ng		97

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

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