Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111125\
Data File : BF144198.D
Acq On : 11 Nov 2025 10:09
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Nov 11 10:43:13 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	6.875	152	73404	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	271454	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	150816	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	253608	20.000	ng	0.00
76) Chrysene-d12	14.057	240	166330	20.000	ng	0.00
86) Perylene-d12	15.545	264	229506	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	394236	84.046	ng	0.00
7) Phenol-d6	6.510	99	428834	80.684	ng	0.01
23) Nitrobenzene-d5	7.439	82	392161	83.437	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	146416	77.364	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	807802	79.108	ng	0.00
79) Terphenyl-d14	12.998	244	802870	76.672	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.604	88	80243	41.378	ng	99
3) Pyridine	3.381	79	229770	42.468	ng	98
4) n-Nitrosodimethylamine	3.328	42	121669	43.052	ng	99
6) Aniline	6.539	93	314585	41.543	ng	98
8) 2-Chlorophenol	6.663	128	191986	41.735	ng	100
9) Benzaldehyde	6.428	77	167470	55.800	ng	98
10) Phenol	6.522	94	264085	40.667	ng	94
11) bis(2-Chloroethyl)ether	6.610	93	194505	41.106	ng	98
12) 1,3-Dichlorobenzene	6.816	146	230084	40.533	ng	98
13) 1,4-Dichlorobenzene	6.892	146	226826	39.886	ng	97
14) 1,2-Dichlorobenzene	7.045	146	223589	41.020	ng	99
15) Benzyl Alcohol	7.016	79	174019	41.349	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	368967	42.344	ng	96
17) 2-Methylphenol	7.128	107	150619	41.157	ng	99
18) Hexachloroethane	7.386	117	78801	41.708	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	136949	39.141	ng	94
20) 3+4-Methylphenols	7.281	107	171776	39.818	ng	99
22) Acetophenone	7.287	105	234233	40.223	ng	95
24) Nitrobenzene	7.457	77	214471	42.027	ng	100
25) Isophorone	7.698	82	371430	41.779	ng	99
26) 2-Nitrophenol	7.775	139	105226	41.654	ng	95
27) 2,4-Dimethylphenol	7.810	122	158227	41.789	ng	96
28) bis(2-Chloroethoxy)met...	7.904	93	236110	42.530	ng	98
29) 2,4-Dichlorophenol	8.016	162	179169	41.056	ng	97
30) 1,2,4-Trichlorobenzene	8.098	180	182355	40.694	ng	98
31) Naphthalene	8.181	128	534471	41.391	ng	99
32) Benzoic acid	7.922	122	100905	36.357	ng	94
33) 4-Chloroaniline	8.228	127	193834	41.158	ng	98
34) Hexachlorobutadiene	8.292	225	138793	41.097	ng	100
35) Caprolactam	8.604	113	47064	39.364	ng	94
36) 4-Chloro-3-methylphenol	8.710	107	162232	41.481	ng	97
37) 2-Methylnaphthalene	8.875	142	351729	40.740	ng	99
38) 1-Methylnaphthalene	8.969	142	337698	40.539	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	202490	40.967	ng	98
41) Hexachlorocyclopentadiene	9.022	237	58396	39.027	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	137540	40.885	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	143106	39.469	ng	98
46) 1,1'-Biphenyl	9.333	154	430515	40.895	ng	100
47) 2-Chloronaphthalene	9.363	162	367534	40.928	ng	100
48) 2-Nitroaniline	9.457	65	113284	43.722	ng	97
49) Acenaphthylene	9.775	152	496729	40.591	ng	100
50) Dimethylphthalate	9.633	163	408251	40.861	ng	100
51) 2,6-Dinitrotoluene	9.698	165	86697	42.865	ng	99
52) Acenaphthene	9.951	154	331509	40.511	ng	100
53) 3-Nitroaniline	9.869	138	88858	40.190	ng	92
54) 2,4-Dinitrophenol	9.980	184	41617	34.075	ng	97
55) Dibenzofuran	10.122	168	458069	39.968	ng	98
56) 4-Nitrophenol	10.033	139	55598	34.763	ng	97
57) 2,4-Dinitrotoluene	10.104	165	110330	40.748	ng	97
58) Fluorene	10.469	166	351893	40.383	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	104592	40.773	ng	99
60) Diethylphthalate	10.333	149	374181	40.626	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	197779	39.846	ng	96
62) 4-Nitroaniline	10.486	138	86613	41.136	ng	98
63) Azobenzene	10.616	77	355358	41.456	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	63808	37.036	ng	98
66) n-Nitrosodiphenylamine	10.575	169	333207	40.851	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	132885	41.051	ng	96
68) Hexachlorobenzene	11.016	284	156932	41.159	ng	97
69) Atrazine	11.104	200	104132	40.143	ng	99
70) Pentachlorophenol	11.216	266	70017	36.877	ng	99
71) Phenanthrene	11.433	178	500461	39.635	ng	99
72) Anthracene	11.486	178	516728	40.246	ng	100
73) Carbazole	11.639	167	432310	39.597	ng	99
74) Di-n-butylphthalate	11.969	149	532269	40.329	ng	99
75) Fluoranthene	12.627	202	514488	39.444	ng	100
77) Benzidine	12.751	184	237841	48.342	ng	99
78) Pyrene	12.857	202	521018	38.850	ng	99
80) Butylbenzylphthalate	13.468	149	192248	41.360	ng	99
81) Benzo(a)anthracene	14.051	228	477865	41.453	ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	164112	41.532	ng	95
83) Chrysene	14.086	228	425808	40.013	ng	98
84) Bis(2-ethylhexyl)phtha...	14.027	149	269627	42.374	ng	100
85) Di-n-octyl phthalate	14.645	149	470752	42.880	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	671993	40.789	ng	99
88) Benzo(b)fluoranthene	15.110	252	506360	38.808	ng	99
89) Benzo(k)fluoranthene	15.139	252	500421	40.975	ng	98
90) Benzo(a)pyrene	15.480	252	481954	40.039	ng	98
91) Dibenzo(a,h)anthracene	17.068	278	540222	40.830	ng	99
92) Benzo(g,h,i)perylene	17.509	276	539108	41.261	ng	99

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

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