Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
Data File : BF143931.D
Acq On : 13 Oct 2025 14:32
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 13 14:55:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 06 15:29:47 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	130985	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	502019	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	268195	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	439915	20.000	ng	0.00
76) Chrysene-d12	14.063	240	237468	20.000	ng	0.00
86) Perylene-d12	15.551	264	283298	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	689104	83.543	ng	0.00
7) Phenol-d6	6.510	99	799314	81.299	ng	0.00
23) Nitrobenzene-d5	7.451	82	701833	84.936	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	214868	80.436	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1276291	75.510	ng	0.00
79) Terphenyl-d14	13.004	244	1198719	86.273	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	161156	42.221	ng	99
3) Pyridine	3.399	79	477280	42.953	ng	99
4) n-Nitrosodimethylamine	3.346	42	234727	40.156	ng	95
6) Aniline	6.545	93	600267	40.743	ng	98
8) 2-Chlorophenol	6.669	128	337944	41.914	ng	98
9) Benzaldehyde	6.434	77	331177	43.666	ng	97
10) Phenol	6.522	94	479374m	40.783	ng	
11) bis(2-Chloroethyl)ether	6.622	93	377514	41.577	ng	99
12) 1,3-Dichlorobenzene	6.828	146	388190	40.221	ng	99
13) 1,4-Dichlorobenzene	6.904	146	386291	40.575	ng	98
14) 1,2-Dichlorobenzene	7.057	146	375237	41.149	ng	98
15) Benzyl Alcohol	7.022	79	306663	41.629	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	870587	42.123	ng	100
17) 2-Methylphenol	7.134	107	276195	41.449	ng	98
18) Hexachloroethane	7.398	117	129577	40.812	ng	98
19) n-Nitroso-di-n-propyla...	7.298	70	260090	38.647	ng	100
20) 3+4-Methylphenols	7.287	107	319189	41.330	ng	92
22) Acetophenone	7.292	105	411776	38.792	ng	95
24) Nitrobenzene	7.469	77	390867	42.596	ng	98
25) Isophorone	7.704	82	695096	39.895	ng	100
26) 2-Nitrophenol	7.781	139	188452	47.902	ng	97
27) 2,4-Dimethylphenol	7.816	122	287840	40.673	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	438419	39.835	ng	100
29) 2,4-Dichlorophenol	8.022	162	300914	40.821	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	293146	40.435	ng	99
31) Naphthalene	8.192	128	905599	39.656	ng	100
32) Benzoic acid	7.922	122	199387	40.709	ng	96
33) 4-Chloroaniline	8.239	127	347764	40.604	ng	98
34) Hexachlorobutadiene	8.304	225	204003	40.494	ng	99
35) Caprolactam	8.610	113	92080	39.286	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	285307	40.292	ng	99
37) 2-Methylnaphthalene	8.881	142	601573	39.546	ng	98
38) 1-Methylnaphthalene	8.981	142	567048	38.431	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	303574	40.954	ng	98
41) Hexachlorocyclopentadiene	9.034	237	117871	38.330	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	230865	42.626	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	228433	39.912	ng		97
46) 1,1'-Biphenyl	9.345	154	705801	39.748	ng		99
47) 2-Chloronaphthalene	9.375	162	600588	40.567	ng		96
48) 2-Nitroaniline	9.469	65	210058	44.878	ng		99
49) Acenaphthylene	9.786	152	838642	40.293	ng		100
50) Dimethylphthalate	9.639	163	671382	39.420	ng		100
51) 2,6-Dinitrotoluene	9.710	165	144448	45.738	ng		95
52) Acenaphthene	9.963	154	546414	40.065	ng		100
53) 3-Nitroaniline	9.881	138	162985	42.147	ng		99
54) 2,4-Dinitrophenol	9.986	184	71297	40.364	ng	#	88
55) Dibenzofuran	10.133	168	751596	39.040	ng		98
56) 4-Nitrophenol	10.033	139	112678	38.483	ng		98
57) 2,4-Dinitrotoluene	10.110	165	194438	45.249	ng		99
58) Fluorene	10.475	166	560501	38.584	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	161529	39.869	ng	#	99
60) Diethylphthalate	10.345	149	623709	39.419	ng		99
61) 4-Chlorophenyl-phenyle...	10.469	204	306140	39.860	ng		99
62) 4-Nitroaniline	10.492	138	150588	40.496	ng		94
63) Azobenzene	10.628	77	672152	40.646	ng		99
65) 4,6-Dinitro-2-methylph...	10.522	198	102037	46.156	ng		97
66) n-Nitrosodiphenylamine	10.586	169	563752	40.813	ng		98
67) 4-Bromophenyl-phenylether	10.963	248	199074	40.947	ng		98
68) Hexachlorobenzene	11.028	284	220687	39.209	ng		99
69) Atrazine	11.116	200	163272	38.999	ng		98
70) Pentachlorophenol	11.222	266	124893	38.635	ng		99
71) Phenanthrene	11.445	178	848405	39.780	ng		99
72) Anthracene	11.492	178	860660	39.946	ng		99
73) Carbazole	11.645	167	744027	38.991	ng		99
74) Di-n-butylphthalate	11.975	149	907465	41.033	ng		100
75) Fluoranthene	12.633	202	825481	37.472	ng		99
77) Benzidine	12.757	184	294601	35.729	ng		98
78) Pyrene	12.863	202	835133	42.184	ng		99
80) Butylbenzylphthalate	13.480	149	296093	46.052	ng		99
81) Benzo(a)anthracene	14.057	228	657643	42.319	ng		98
82) 3,3'-Dichlorobenzidine	14.016	252	208518	44.030	ng		98
83) Chrysene	14.092	228	593625	41.274	ng		99
84) Bis(2-ethylhexyl)phtha...	14.039	149	373681	48.214	ng		98
85) Di-n-octyl phthalate	14.657	149	652031	51.221	ng		99
87) Indeno(1,2,3-cd)pyrene	17.057	276	828468	47.726	ng		98
88) Benzo(b)fluoranthene	15.116	252	636123	39.089	ng		99
89) Benzo(k)fluoranthene	15.145	252	591456	39.278	ng		99
90) Benzo(a)pyrene	15.486	252	595478	42.200	ng		99
91) Dibenzo(a,h)anthracene	17.074	278	669037	47.921	ng		99
92) Benzo(g,h,i)perylene	17.509	276	651209	46.644	ng		98

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

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