Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102225\
Data File : BF144032.D
Acq On : 22 Oct 2025 10:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 22 10:45:47 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	6.881	152	112960	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	428129	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	220935	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	348267	20.000	ng		0.00
76) Chrysene-d12	14.063	240	176671	20.000	ng		0.00
86) Perylene-d12	15.545	264	208587	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	570670	80.225	ng		0.00
7) Phenol-d6	6.510	99	659248	77.752	ng		0.00
23) Nitrobenzene-d5	7.445	82	567360	80.513	ng		-0.01
42) 2,4,6-Tribromophenol	10.716	330	150622	68.447	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	1036678	74.454	ng		-0.01
79) Terphenyl-d14	12.998	244	870415	84.202	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	130914	39.771	ng		95
3) Pyridine	3.404	79	371739	38.793	ng		96
4) n-Nitrosodimethylamine	3.346	42	184996	36.698	ng		97
6) Aniline	6.545	93	482545	37.979	ng		100
8) 2-Chlorophenol	6.669	128	272303	39.162	ng		98
9) Benzaldehyde	6.434	77	265748	40.630	ng		100
10) Phenol	6.522	94	415210	40.961	ng		98
11) bis(2-Chloroethyl)ether	6.616	93	303201	38.721	ng		98
12) 1,3-Dichlorobenzene	6.822	146	317188	38.108	ng		99
13) 1,4-Dichlorobenzene	6.898	146	320620	39.051	ng		100
14) 1,2-Dichlorobenzene	7.051	146	309073	39.302	ng		100
15) Benzyl Alcohol	7.022	79	242449	38.164	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	693138	38.888	ng		98
17) 2-Methylphenol	7.134	107	219189	38.143	ng		99
18) Hexachloroethane	7.392	117	105913	38.681	ng		97
19) n-Nitroso-di-n-propyla...	7.292	70	210181	36.214	ng		99
20) 3+4-Methylphenols	7.287	107	258547	38.820	ng	#	77
22) Acetophenone	7.292	105	333187	36.806	ng		97
24) Nitrobenzene	7.463	77	313733	40.091	ng		98
25) Isophorone	7.704	82	539108	36.283	ng		98
26) 2-Nitrophenol	7.781	139	147965	44.102	ng		98
27) 2,4-Dimethylphenol	7.816	122	234021	38.775	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	357265	38.064	ng		99
29) 2,4-Dichlorophenol	8.022	162	242803	38.622	ng		97
30) 1,2,4-Trichlorobenzene	8.104	180	235631	38.111	ng		98
31) Naphthalene	8.187	128	742491	38.125	ng		100
32) Benzoic acid	7.922	122	139736	33.454	ng		96
33) 4-Chloroaniline	8.234	127	271142	37.121	ng		99
34) Hexachlorobutadiene	8.304	225	158191	36.820	ng		96
35) Caprolactam	8.598	113	67146	33.592	ng		95
36) 4-Chloro-3-methylphenol	8.716	107	221009	36.599	ng		97
37) 2-Methylnaphthalene	8.881	142	482790	37.215	ng		98
38) 1-Methylnaphthalene	8.981	142	463512	36.835	ng		98
40) 1,2,4,5-Tetrachloroben...	9.045	216	243860	39.935	ng		98
41) Hexachlorocyclopentadiene	9.034	237	87446	34.519	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	169935	38.088	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	183803	38.983	ng		99
46) 1,1'-Biphenyl	9.345	154	567757	38.813	ng		98
47) 2-Chloronaphthalene	9.369	162	486843	39.918	ng		96
48) 2-Nitroaniline	9.463	65	158514	41.110	ng		99
49) Acenaphthylene	9.781	152	657637	38.355	ng		100
50) Dimethylphthalate	9.639	163	518815	36.978	ng		99
51) 2,6-Dinitrotoluene	9.704	165	108407	41.669	ng		99
52) Acenaphthene	9.957	154	436481	38.850	ng		99
53) 3-Nitroaniline	9.875	138	127187	39.926	ng		99
54) 2,4-Dinitrophenol	9.986	184	66301	44.671	ng		93
55) Dibenzofuran	10.128	168	603282	38.039	ng		99
56) 4-Nitrophenol	10.033	139	97764	40.532	ng		96
57) 2,4-Dinitrotoluene	10.110	165	144342	40.776	ng		100
58) Fluorene	10.475	166	456971	38.186	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	120098	35.983	ng	#	98
60) Diethylphthalate	10.339	149	475428	36.475	ng		100
61) 4-Chlorophenyl-phenyle...	10.463	204	237125	37.479	ng		96
62) 4-Nitroaniline	10.486	138	111123	36.275	ng		96
63) Azobenzene	10.622	77	511202	37.526	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	73177	41.812	ng		97
66) n-Nitrosodiphenylamine	10.580	169	440289	40.263	ng		99
67) 4-Bromophenyl-phenylether	10.957	248	145024	37.679	ng		98
68) Hexachlorobenzene	11.022	284	164539	36.926	ng		98
69) Atrazine	11.110	200	118727	35.821	ng		98
70) Pentachlorophenol	11.222	266	92458	36.128	ng		97
71) Phenanthrene	11.439	178	652589	38.651	ng		99
72) Anthracene	11.492	178	661923	38.807	ng		100
73) Carbazole	11.645	167	566341	37.489	ng		99
74) Di-n-butylphthalate	11.975	149	649289	37.085	ng		99
75) Fluoranthene	12.627	202	612645	35.129	ng		98
77) Benzidine	12.757	184	196752	32.073	ng		99
78) Pyrene	12.863	202	631120	42.849	ng		100
80) Butylbenzylphthalate	13.474	149	194973	40.760	ng		99
81) Benzo(a)anthracene	14.051	228	455394	39.389	ng		99
82) 3,3'-Dichlorobenzidine	14.016	252	143273	40.664	ng		99
83) Chrysene	14.086	228	430745	40.255	ng		98
84) Bis(2-ethylhexyl)phtha...	14.033	149	241084	41.810	ng		99
85) Di-n-octyl phthalate	14.651	149	447041	47.203	ng		99
87) Indeno(1,2,3-cd)pyrene	17.057	276	609064	47.654	ng		97
88) Benzo(b)fluoranthene	15.110	252	409111	34.144	ng		100
89) Benzo(k)fluoranthene	15.139	252	416554	37.571	ng		98
90) Benzo(a)pyrene	15.480	252	406966	39.171	ng	#	97
91) Dibenzo(a,h)anthracene	17.068	278	492066	47.870	ng		97
92) Benzo(g,h,i)perylene	17.509	276	497793	48.426	ng		97

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

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