Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102025\
Data File : BF143997.D
Acq On : 20 Oct 2025 13:28
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Oct 20 15:47:39 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	108923	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	424804	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	230266	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	385198	20.000	ng	0.00
76) Chrysene-d12	14.063	240	224376	20.000	ng	0.00
86) Perylene-d12	15.545	264	212318	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	556406	81.118	ng	0.00
7) Phenol-d6	6.504	99	651473	79.683	ng	-0.01
23) Nitrobenzene-d5	7.445	82	574397	82.149	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	182619	79.625	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1076099	74.153	ng	-0.01
79) Terphenyl-d14	13.004	244	1098074	83.641	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	132203	41.651	ng	96
3) Pyridine	3.405	79	371861	40.244	ng	98
4) n-Nitrosodimethylamine	3.352	42	182244	37.492	ng	94
6) Aniline	6.545	93	482464	39.380	ng	100
8) 2-Chlorophenol	6.663	128	269677	40.221	ng	99
9) Benzaldehyde	6.434	77	262349	41.597	ng	99
10) Phenol	6.522	94	406281	41.566	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	303464	40.191	ng	99
12) 1,3-Dichlorobenzene	6.822	146	323149	40.264	ng	97
13) 1,4-Dichlorobenzene	6.898	146	317957	40.162	ng	98
14) 1,2-Dichlorobenzene	7.051	146	308063	40.625	ng	99
15) Benzyl Alcohol	7.022	79	250750	40.933	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	708161	41.204	ng	100
17) 2-Methylphenol	7.128	107	220591	39.810	ng	99
18) Hexachloroethane	7.392	117	108316	41.025	ng	96
19) n-Nitroso-di-n-propyla...	7.293	70	209767	37.483	ng	99
20) 3+4-Methylphenols	7.281	107	261837	40.771	ng	95
22) Acetophenone	7.293	105	346907	38.622	ng	99
24) Nitrobenzene	7.463	77	314885	40.553	ng	97
25) Isophorone	7.704	82	561074	38.057	ng	99
26) 2-Nitrophenol	7.781	139	152343	45.762	ng	98
27) 2,4-Dimethylphenol	7.816	122	242907	40.563	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	363320	39.012	ng	99
29) 2,4-Dichlorophenol	8.022	162	244787	39.243	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	242977	39.607	ng	99
31) Naphthalene	8.187	128	758157	39.234	ng	100
32) Benzoic acid	7.922	122	156304	37.714	ng	99
33) 4-Chloroaniline	8.234	127	287656	39.691	ng	99
34) Hexachlorobutadiene	8.304	225	165202	38.752	ng	97
35) Caprolactam	8.604	113	78033	39.344	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	231734	38.675	ng	98
37) 2-Methylnaphthalene	8.881	142	495354	38.483	ng	99
38) 1-Methylnaphthalene	8.981	142	480130	38.454	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	257851	40.516	ng	99
41) Hexachlorocyclopentadiene	9.034	237	108840	41.223	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	186670	40.143	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	194558	39.592	ng		99
46) 1,1'-Biphenyl	9.345	154	597014	39.160	ng		99
47) 2-Chloronaphthalene	9.369	162	508631	40.014	ng		97
48) 2-Nitroaniline	9.463	65	169771	42.245	ng		94
49) Acenaphthylene	9.781	152	715169	40.020	ng		99
50) Dimethylphthalate	9.639	163	569940	38.976	ng		99
51) 2,6-Dinitrotoluene	9.704	165	120781	44.543	ng		97
52) Acenaphthene	9.957	154	458028	39.116	ng		100
53) 3-Nitroaniline	9.875	138	141223	42.535	ng		99
54) 2,4-Dinitrophenol	9.981	184	51582	35.105	ng		94
55) Dibenzofuran	10.128	168	652550	39.478	ng		98
56) 4-Nitrophenol	10.034	139	96087	38.222	ng		93
57) 2,4-Dinitrotoluene	10.110	165	167503	45.401	ng		96
58) Fluorene	10.475	166	478793	38.388	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.245	232	137352	39.485	ng	#	99
60) Diethylphthalate	10.339	149	535315	39.405	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	259220	39.311	ng		98
62) 4-Nitroaniline	10.486	138	130811	40.972	ng		94
63) Azobenzene	10.622	77	558403	39.330	ng		98
65) 4,6-Dinitro-2-methylph...	10.522	198	84504	43.655	ng		94
66) n-Nitrosodiphenylamine	10.581	169	481588	39.818	ng		98
67) 4-Bromophenyl-phenylether	10.957	248	169268	39.762	ng		96
68) Hexachlorobenzene	11.022	284	195530	39.674	ng		99
69) Atrazine	11.110	200	143511	39.148	ng		99
70) Pentachlorophenol	11.216	266	101251	35.771	ng		98
71) Phenanthrene	11.439	178	744542	39.869	ng		99
72) Anthracene	11.492	178	745746	39.529	ng		99
73) Carbazole	11.645	167	660829	39.550	ng		99
74) Di-n-butylphthalate	11.975	149	781181	40.340	ng		99
75) Fluoranthene	12.627	202	753991	39.088	ng		99
77) Benzidine	12.751	184	248566	31.905	ng		98
78) Pyrene	12.863	202	768419	41.079	ng		99
80) Butylbenzylphthalate	13.474	149	252520	41.567	ng		98
81) Benzo(a)anthracene	14.051	228	572605	38.997	ng		100
82) 3,3'-Dichlorobenzidine	14.016	252	176158	39.367	ng		99
83) Chrysene	14.086	228	540703	39.788	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	288745	39.429	ng		99
85) Di-n-octyl phthalate	14.651	149	460570	38.292	ng		100
87) Indeno(1,2,3-cd)pyrene	17.051	276	607776	46.717	ng		98
88) Benzo(b)fluoranthene	15.110	252	462937	37.957	ng		99
89) Benzo(k)fluoranthene	15.139	252	463363	41.059	ng		98
90) Benzo(a)pyrene	15.480	252	431094	40.764	ng		99
91) Dibenzo(a,h)anthracene	17.062	278	491981	47.020	ng		99
92) Benzo(g,h,i)perylene	17.504	276	489771	46.809	ng		98

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

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