Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071725\
Data File : BF143157.D
Acq On : 17 Jul 2025 19:37
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 07/18/2025
Supervised By :Jagrut Upadhyay 07/18/2025

Quant Time: Jul 18 01:04:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 17 15:14:05 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	138855	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	536902	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	269673	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	425499	20.000	ng		0.00
76) Chrysene-d12	14.121	240	257557	20.000	ng		0.00
86) Perylene-d12	15.621	264	290483	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	683377	77.881	ng		0.00
7) Phenol-d6	6.581	99	864647	78.288	ng		0.00
23) Nitrobenzene-d5	7.522	82	895287	83.120	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	221500	79.508	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	1518879	77.029	ng		0.00
79) Terphenyl-d14	13.069	244	1271733	73.478	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.805	88	166244	40.040	ng		99
3) Pyridine	3.575	79	418492	38.834	ng		99
4) n-Nitrosodimethylamine	3.516	42	221018	39.723	ng		99
6) Aniline	6.622	93	607823	39.488	ng		100
8) 2-Chlorophenol	6.745	128	365543	39.743	ng		99
9) Benzaldehyde	6.510	77	363665	43.912	ng		97
10) Phenol	6.593	94	474356m	39.425	ng		
11) bis(2-Chloroethyl)ether	6.693	93	365030	39.624	ng		100
12) 1,3-Dichlorobenzene	6.904	146	390492	39.082	ng		99
13) 1,4-Dichlorobenzene	6.981	146	392653	39.023	ng		99
14) 1,2-Dichlorobenzene	7.134	146	377188	39.413	ng		99
15) Benzyl Alcohol	7.098	79	334056	39.613	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.234	45	678356	39.695	ng		99
17) 2-Methylphenol	7.204	107	303796	39.283	ng		99
18) Hexachloroethane	7.481	117	141080	40.502	ng		98
19) n-Nitroso-di-n-propyla...	7.369	70	273232	38.561	ng		98
20) 3+4-Methylphenols	7.357	107	381861	40.698	ng		95
22) Acetophenone	7.369	105	487279	38.334	ng	#	97
24) Nitrobenzene	7.540	77	399661	39.799	ng		99
25) Isophorone	7.781	82	735124	38.662	ng		99
26) 2-Nitrophenol	7.857	139	187422	43.005	ng		99
27) 2,4-Dimethylphenol	7.887	122	345701	38.914	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	442167	38.785	ng		99
29) 2,4-Dichlorophenol	8.092	162	293442	39.168	ng		98
30) 1,2,4-Trichlorobenzene	8.187	180	314604	38.870	ng		100
31) Naphthalene	8.269	128	1028140	38.883	ng		100
32) Benzoic acid	7.981	122	185065	38.171	ng		99
33) 4-Chloroaniline	8.304	127	412017	38.161	ng		99
34) Hexachlorobutadiene	8.387	225	195484	39.537	ng		99
35) Caprolactam	8.669	113	90080	39.790	ng		98
36) 4-Chloro-3-methylphenol	8.781	107	314299	38.598	ng		97
37) 2-Methylnaphthalene	8.957	142	619310	38.490	ng		100
38) 1-Methylnaphthalene	9.057	142	644847	38.919	ng		99
40) 1,2,4,5-Tetrachloroben...	9.122	216	304551	39.116	ng		100
41) Hexachlorocyclopentadiene	9.116	237	206865	40.834	ng		99
43) 2,4,6-Trichlorophenol	9.228	196	209902	38.954	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	219957	40.808	ng		98
46) 1,1'-Biphenyl	9.422	154	831115	39.502	ng		99
47) 2-Chloronaphthalene	9.445	162	606685	38.970	ng		100
48) 2-Nitroaniline	9.534	65	205784	42.151	ng		99
49) Acenaphthylene	9.863	152	1021363	39.148	ng		100
50) Dimethylphthalate	9.716	163	691652	39.347	ng		100
51) 2,6-Dinitrotoluene	9.775	165	150428	42.067	ng		97
52) Acenaphthene	10.033	154	605034	39.237	ng		98
53) 3-Nitroaniline	9.939	138	167420	40.028	ng		100
54) 2,4-Dinitrophenol	10.039	184	58866	39.960	ng	#	1
55) Dibenzofuran	10.204	168	889222	38.841	ng		99
56) 4-Nitrophenol	10.086	139	125059	40.040	ng		99
57) 2,4-Dinitrotoluene	10.175	165	188181	41.945	ng		97
58) Fluorene	10.545	166	653713	38.045	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.316	232	178038	39.875	ng		99
60) Diethylphthalate	10.416	149	679129	39.088	ng		100
61) 4-Chlorophenyl-phenyle...	10.539	204	333465	38.975	ng		99
62) 4-Nitroaniline	10.551	138	141515	39.478	ng		100
63) Azobenzene	10.698	77	705944	38.986	ng		100
65) 4,6-Dinitro-2-methylph...	10.581	198	87846	40.354	ng		96
66) n-Nitrosodiphenylamine	10.651	169	592682	39.557	ng		99
67) 4-Bromophenyl-phenylether	11.028	248	198111	39.069	ng		99
68) Hexachlorobenzene	11.098	284	209203	39.472	ng		99
69) Atrazine	11.175	200	166380	40.279	ng		99
70) Pentachlorophenol	11.286	266	128754	41.309	ng		98
71) Phenanthrene	11.510	178	882612	39.066	ng		99
72) Anthracene	11.563	178	896290	38.898	ng		100
73) Carbazole	11.710	167	787128	39.121	ng		100
74) Di-n-butylphthalate	12.039	149	922904	40.539	ng		100
75) Fluoranthene	12.698	202	827620	39.910	ng		100
77) Benzidine	12.810	184	378753	38.169	ng		100
78) Pyrene	12.927	202	816607	37.150	ng		100
80) Butylbenzylphthalate	13.539	149	274194	40.736	ng		99
81) Benzo(a)anthracene	14.110	228	668691	38.779	ng		100
82) 3,3'-Dichlorobenzidine	14.069	252	227633	39.609	ng		100
83) Chrysene	14.145	228	631314	40.721	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	422788	41.499	ng		100
85) Di-n-octyl phthalate	14.716	149	729985	39.529	ng		100
87) Indeno(1,2,3-cd)pyrene	17.157	276	814736	39.776	ng		100
88) Benzo(b)fluoranthene	15.180	252	677603	38.184	ng		100
89) Benzo(k)fluoranthene	15.210	252	653171	41.247	ng		100
90) Benzo(a)pyrene	15.557	252	654692	40.042	ng		99
91) Dibenzo(a,h)anthracene	17.180	278	665474	39.916	ng		99
92) Benzo(g,h,i)perylene	17.621	276	644277	39.950	ng		99

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

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