Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080125\
Data File : BF143288.D
Acq On : 01 Aug 2025 17:58
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Aug 01 18:28:19 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	157084	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	586115	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	287435	20.000	ng		0.00
64) Phenanthrene-d10	11.486	188	450669	20.000	ng		0.00
76) Chrysene-d12	14.127	240	306544	20.000	ng		0.00
86) Perylene-d12	15.633	264	353465	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.587	112	699790	70.497	ng		0.00
7) Phenol-d6	6.587	99	886106	70.920	ng		0.00
23) Nitrobenzene-d5	7.522	82	864748	73.544	ng		0.00
42) 2,4,6-Tribromophenol	10.786	330	213072	71.757	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1469638	69.926	ng		0.00
79) Terphenyl-d14	13.069	244	1286893	62.472	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.787	88	167350	35.629	ng		98
3) Pyridine	3.569	79	433600	35.566	ng		97
4) n-Nitrosodimethylamine	3.510	42	229305	36.430	ng		99
6) Aniline	6.622	93	609608	35.008	ng		99
8) 2-Chlorophenol	6.746	128	373586	35.904	ng		99
9) Benzaldehyde	6.510	77	336216	35.886	ng		98
10) Phenol	6.604	94	508280	37.342	ng		97
11) bis(2-Chloroethyl)ether	6.693	93	377244	36.198	ng		100
12) 1,3-Dichlorobenzene	6.904	146	404044	35.746	ng		99
13) 1,4-Dichlorobenzene	6.981	146	403415	35.440	ng		100
14) 1,2-Dichlorobenzene	7.134	146	383013	35.377	ng		99
15) Benzyl Alcohol	7.098	79	332743	34.878	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.234	45	689272	35.653	ng		98
17) 2-Methylphenol	7.210	107	308503	35.262	ng		99
18) Hexachloroethane	7.475	117	144265	36.610	ng		97
19) n-Nitroso-di-n-propyla...	7.369	70	267054	33.315	ng		98
20) 3+4-Methylphenols	7.357	107	371404	34.990	ng		93
22) Acetophenone	7.369	105	479156	34.530	ng	#	99
24) Nitrobenzene	7.540	77	402946	36.757	ng		99
25) Isophorone	7.781	82	734589	35.390	ng		98
26) 2-Nitrophenol	7.857	139	194931	40.972	ng		98
27) 2,4-Dimethylphenol	7.887	122	330052	34.033	ng		99
28) bis(2-Chloroethoxy)met...	7.987	93	449491	36.117	ng		99
29) 2,4-Dichlorophenol	8.098	162	296354	36.236	ng		99
30) 1,2,4-Trichlorobenzene	8.181	180	316617	35.834	ng		99
31) Naphthalene	8.263	128	1034133	35.826	ng		100
32) Benzoic acid	7.992	122	186164m	35.580	ng		
33) 4-Chloroaniline	8.304	127	415041	35.214	ng		99
34) Hexachlorobutadiene	8.387	225	198055	36.694	ng		100
35) Caprolactam	8.675	113	90151	36.477	ng		99
36) 4-Chloro-3-methylphenol	8.787	107	311061	34.993	ng		98
37) 2-Methylnaphthalene	8.957	142	620655	35.335	ng		100
38) 1-Methylnaphthalene	9.057	142	638684	35.311	ng		100
40) 1,2,4,5-Tetrachloroben...	9.122	216	304055	36.639	ng		100
41) Hexachlorocyclopentadiene	9.110	237	178421	33.043	ng		99
43) 2,4,6-Trichlorophenol	9.228	196	201409	35.068	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	210128	36.575	ng		98
46) 1,1'-Biphenyl	9.416	154	813804	36.289	ng		99
47) 2-Chloronaphthalene	9.445	162	602370	36.302	ng		99
48) 2-Nitroaniline	9.534	65	201902	38.800	ng		99
49) Acenaphthylene	9.863	152	998333	35.901	ng		100
50) Dimethylphthalate	9.716	163	674291	35.989	ng		99
51) 2,6-Dinitrotoluene	9.775	165	148080	38.852	ng		97
52) Acenaphthene	10.034	154	601572	36.602	ng		99
53) 3-Nitroaniline	9.939	138	164802	36.967	ng		99
54) 2,4-Dinitrophenol	10.045	184	68950	43.254	ng	#	44
55) Dibenzofuran	10.204	168	860060	35.246	ng		99
56) 4-Nitrophenol	10.098	139	113812	34.188	ng		96
57) 2,4-Dinitrotoluene	10.175	165	191247	39.995	ng		96
58) Fluorene	10.545	166	640182	34.956	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	173446	36.446	ng		98
60) Diethylphthalate	10.410	149	652797	35.251	ng		100
61) 4-Chlorophenyl-phenyle...	10.534	204	326212	35.772	ng		100
62) 4-Nitroaniline	10.551	138	145054	37.964	ng		98
63) Azobenzene	10.698	77	683795	35.429	ng		99
65) 4,6-Dinitro-2-methylph...	10.586	198	95227	41.175	ng		99
66) n-Nitrosodiphenylamine	10.651	169	569097	35.861	ng		99
67) 4-Bromophenyl-phenylether	11.028	248	194997	36.307	ng		98
68) Hexachlorobenzene	11.098	284	194813	34.704	ng		99
69) Atrazine	11.175	200	165836	37.905	ng		99
70) Pentachlorophenol	11.292	266	175260	53.089	ng		98
71) Phenanthrene	11.510	178	839717	35.092	ng		100
72) Anthracene	11.563	178	865101	35.448	ng		100
73) Carbazole	11.710	167	771577	36.207	ng		100
74) Di-n-butylphthalate	12.039	149	921529	38.218	ng		100
75) Fluoranthene	12.698	202	822544	37.450	ng		99
77) Benzidine	12.810	184	401974	34.036	ng		99
78) Pyrene	12.927	202	841990	32.184	ng		100
80) Butylbenzylphthalate	13.539	149	335256	41.849	ng		99
81) Benzo(a)anthracene	14.116	228	729897	35.565	ng		100
82) 3,3'-Dichlorobenzidine	14.074	252	255647	37.375	ng		99
83) Chrysene	14.151	228	675018	36.582	ng		99
84) Bis(2-ethylhexyl)phtha...	14.098	149	460189	37.952	ng		100
85) Di-n-octyl phthalate	14.716	149	793509	36.103	ng		100
87) Indeno(1,2,3-cd)pyrene	17.174	276	924899	37.109	ng		100
88) Benzo(b)fluoranthene	15.186	252	717809	33.242	ng		100
89) Benzo(k)fluoranthene	15.216	252	744955	38.661	ng		99
90) Benzo(a)pyrene	15.568	252	725136	36.448	ng		100
91) Dibenzo(a,h)anthracene	17.192	278	747014	36.823	ng		99
92) Benzo(g,h,i)perylene	17.645	276	736839	37.548	ng		100

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

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