Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081825\
Data File : BF143429.D
Acq On : 18 Aug 2025 09:06
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Aug 18 12:15:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	131653	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	514889	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	280712	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	444924	20.000	ng	0.00
76) Chrysene-d12	14.086	240	223862	20.000	ng	0.00
86) Perylene-d12	15.574	264	265880	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	604041	79.757	ng	0.00
7) Phenol-d6	6.557	99	756026	79.211	ng	0.00
23) Nitrobenzene-d5	7.487	82	683252	78.742	ng	0.00
42) 2,4,6-Tribromophenol	10.751	330	202755	81.149	ng	0.00
45) 2-Fluorobiphenyl	9.281	172	1281342	76.776	ng	0.00
79) Terphenyl-d14	13.027	244	1126019	84.496	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	146980	40.318	ng	98
3) Pyridine	3.510	79	392034	41.002	ng	99
4) n-Nitrosodimethylamine	3.452	42	179061	40.291	ng	98
6) Aniline	6.593	93	518891	40.046	ng	100
8) 2-Chlorophenol	6.716	128	331816	39.684	ng	99
9) Benzaldehyde	6.475	77	175928	34.649	ng	99
10) Phenol	6.575	94	444676	39.926	ng	100
11) bis(2-Chloroethyl)ether	6.657	93	330567	40.041	ng	99
12) 1,3-Dichlorobenzene	6.869	146	366324	39.111	ng	99
13) 1,4-Dichlorobenzene	6.945	146	374257	40.024	ng	100
14) 1,2-Dichlorobenzene	7.098	146	352533	39.471	ng	99
15) Benzyl Alcohol	7.069	79	279823	39.755	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	560282	39.697	ng	100
17) 2-Methylphenol	7.181	107	274265	40.203	ng	99
18) Hexachloroethane	7.439	117	125190	39.332	ng	98
19) n-Nitroso-di-n-propyla...	7.340	70	231003	39.095	ng	98
20) 3+4-Methylphenols	7.334	107	331003	40.587	ng	99
22) Acetophenone	7.334	105	426111	38.491	ng	100
24) Nitrobenzene	7.504	77	361829	39.898	ng	100
25) Isophorone	7.745	82	662307	39.881	ng	99
26) 2-Nitrophenol	7.822	139	155677	37.029	ng	98
27) 2,4-Dimethylphenol	7.863	122	276223	38.859	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	402194	39.401	ng	99
29) 2,4-Dichlorophenol	8.069	162	291170	40.183	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	291877	39.312	ng	99
31) Naphthalene	8.234	128	965167	39.484	ng	100
32) Benzoic acid	7.975	122	121859	32.963	ng	99
33) 4-Chloroaniline	8.275	127	350803	39.758	ng	100
34) Hexachlorobutadiene	8.351	225	188826	39.883	ng	98
35) Caprolactam	8.645	113	85562	41.013	ng	99
36) 4-Chloro-3-methylphenol	8.757	107	297024	39.801	ng	100
37) 2-Methylnaphthalene	8.922	142	643429	39.050	ng	100
38) 1-Methylnaphthalene	9.022	142	615790	39.007	ng	99
40) 1,2,4,5-Tetrachloroben...	9.086	216	307452	39.273	ng	100
41) Hexachlorocyclopentadiene	9.081	237	97535	37.941	ng	100
43) 2,4,6-Trichlorophenol	9.198	196	191901	39.295	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	211642	40.430	ng	96
46) 1,1'-Biphenyl	9.381	154	772560	39.170	ng	100
47) 2-Chloronaphthalene	9.410	162	612724	39.356	ng	99
48) 2-Nitroaniline	9.504	65	183872	39.687	ng	95
49) Acenaphthylene	9.822	152	891356	39.654	ng	100
50) Dimethylphthalate	9.675	163	702928	40.165	ng	100
51) 2,6-Dinitrotoluene	9.739	165	141282	40.951	ng	99
52) Acenaphthene	9.998	154	591370	39.115	ng	100
53) 3-Nitroaniline	9.910	138	159737	41.565	ng	100
54) 2,4-Dinitrophenol	10.022	184	46856	32.877	ng	99
55) Dibenzofuran	10.169	168	860223	39.442	ng	99
56) 4-Nitrophenol	10.075	139	98531	40.781	ng	98
57) 2,4-Dinitrotoluene	10.145	165	193875	42.149	ng	99
58) Fluorene	10.510	166	653929	39.029	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	159517	40.256	ng	97
60) Diethylphthalate	10.375	149	651738	40.299	ng	100
61) 4-Chlorophenyl-phenyle...	10.498	204	330221	39.864	ng	99
62) 4-Nitroaniline	10.522	138	150843	41.970	ng	97
63) Azobenzene	10.657	77	662810	40.549	ng	98
65) 4,6-Dinitro-2-methylph...	10.557	198	82955	36.136	ng	97
66) n-Nitrosodiphenylamine	10.616	169	567036	39.195	ng	100
67) 4-Bromophenyl-phenylether	10.992	248	208080	39.604	ng	100
68) Hexachlorobenzene	11.063	284	219775	39.348	ng	100
69) Atrazine	11.139	200	174661	41.277	ng	100
70) Pentachlorophenol	11.257	266	101440	41.297	ng	99
71) Phenanthrene	11.475	178	930142	38.606	ng	100
72) Anthracene	11.527	178	948346	38.971	ng	100
73) Carbazole	11.675	167	801523	38.944	ng	100
74) Di-n-butylphthalate	12.004	149	848115	41.381	ng	100
75) Fluoranthene	12.663	202	838319	39.159	ng	100
77) Benzidine	12.774	184	243797	36.469	ng	99
78) Pyrene	12.892	202	839274	43.134	ng	99
80) Butylbenzylphthalate	13.498	149	192746	39.994	ng	100
81) Benzo(a)anthracene	14.074	228	561206	39.377	ng	100
82) 3,3'-Dichlorobenzidine	14.033	252	157427	37.726	ng	99
83) Chrysene	14.110	228	520801	39.527	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	268833	39.279	ng	99
85) Di-n-octyl phthalate	14.668	149	520946	37.527	ng	100
87) Indeno(1,2,3-cd)pyrene	17.098	276	812459	40.748	ng	100
88) Benzo(b)fluoranthene	15.139	252	582964	40.909	ng	99
89) Benzo(k)fluoranthene	15.163	252	534086	37.999	ng	99
90) Benzo(a)pyrene	15.510	252	544481	40.116	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	653257	40.799	ng	99
92) Benzo(g,h,i)perylene	17.551	276	656182	41.024	ng	99

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

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