Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060925\
Data File : BF142693.D
Acq On : 09 Jun 2025 15:05
Operator : RC/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Quant Time: Jun 09 17:24:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 09 17:10:06 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	98727	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	370503	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	201183	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	315667	20.000	ng	0.00
76) Chrysene-d12	14.074	240	233536	20.000	ng	0.00
86) Perylene-d12	15.568	264	224996	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	451915	77.722	ng	0.00
7) Phenol-d6	6.522	99	546073	80.085	ng	0.00
23) Nitrobenzene-d5	7.463	82	523186	77.604	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	175313	77.561	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1103959	75.043	ng	0.00
79) Terphenyl-d14	13.016	244	1025380	69.439	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	88407	39.706	ng	100
3) Pyridine	3.451	79	227865	39.681	ng	100
4) n-Nitrosodimethylamine	3.399	42	109606	39.216	ng	100
6) Aniline	6.557	93	365975	39.977	ng	100
8) 2-Chlorophenol	6.681	128	246995	38.935	ng	100
9) Benzaldehyde	6.445	77	161898	42.117	ng	100
10) Phenol	6.540	94	307989	40.336	ng	100
11) bis(2-Chloroethyl)ether	6.628	93	219918	39.535	ng	100
12) 1,3-Dichlorobenzene	6.834	146	278927	39.260	ng	100
13) 1,4-Dichlorobenzene	6.916	146	286569	39.449	ng	100
14) 1,2-Dichlorobenzene	7.063	146	276190	39.876	ng	100
15) Benzyl Alcohol	7.034	79	199588	40.015	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	366939	40.510	ng	100
17) 2-Methylphenol	7.145	107	196639	40.424	ng	100
18) Hexachloroethane	7.410	117	96706	38.750	ng	100
19) n-Nitroso-di-n-propyla...	7.310	70	162946	40.767	ng	100
20) 3+4-Methylphenols	7.298	107	241860	40.371	ng	100
22) Acetophenone	7.304	105	321091	39.645	ng	100
24) Nitrobenzene	7.481	77	237848	39.120	ng	100
25) Isophorone	7.716	82	414446	37.891	ng	100
26) 2-Nitrophenol	7.798	139	135237	40.324	ng	100
27) 2,4-Dimethylphenol	7.828	122	221669	38.891	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	277054	40.386	ng	100
29) 2,4-Dichlorophenol	8.039	162	215816	41.331	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	219066	38.461	ng	100
31) Naphthalene	8.204	128	719716	39.421	ng	100
32) Benzoic acid	7.939	122	138046	39.896	ng	100
33) 4-Chloroaniline	8.251	127	299495	39.901	ng	100
34) Hexachlorobutadiene	8.316	225	135956	38.757	ng	100
35) Caprolactam	8.622	113	62434	38.928	ng	100
36) 4-Chloro-3-methylphenol	8.728	107	195407	36.280	ng	100
37) 2-Methylnaphthalene	8.892	142	416736	36.276	ng	100
38) 1-Methylnaphthalene	8.992	142	438427	36.854	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	218008	37.497	ng	100
41) Hexachlorocyclopentadiene	9.045	237	132767	38.886	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	147996	38.794	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	155681	38.207	ng	100
46) 1,1'-Biphenyl	9.357	154	607339	38.823	ng	100
47) 2-Chloronaphthalene	9.386	162	455439	38.855	ng	100
48) 2-Nitroaniline	9.480	65	140480	40.275	ng	100
49) Acenaphthylene	9.798	152	761938	39.221	ng	100
50) Dimethylphthalate	9.657	163	520240	38.434	ng	100
51) 2,6-Dinitrotoluene	9.722	165	111922	38.224	ng	100
52) Acenaphthene	9.975	154	471394	39.666	ng	100
53) 3-Nitroaniline	9.892	138	129850	39.467	ng	100
54) 2,4-Dinitrophenol	9.998	184	65370	40.323	ng	100
55) Dibenzofuran	10.145	168	661193	38.782	ng	100
56) 4-Nitrophenol	10.045	139	90823	40.161	ng	100
57) 2,4-Dinitrotoluene	10.128	165	156051	39.759	ng	100
58) Fluorene	10.486	166	520439	38.191	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	140730	41.043	ng	100
60) Diethylphthalate	10.357	149	498360	37.925	ng	100
61) 4-Chlorophenyl-phenyle...	10.475	204	247631	38.435	ng	100
62) 4-Nitroaniline	10.504	138	124994	40.049	ng	100
63) Azobenzene	10.639	77	440296	37.404	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	90946	45.172	ng	100
66) n-Nitrosodiphenylamine	10.598	169	426969	41.893	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	144998	41.558	ng	100
68) Hexachlorobenzene	11.039	284	167095	41.679	ng	100
69) Atrazine	11.122	200	130910	42.355	ng	100
70) Pentachlorophenol	11.233	266	100328	45.505	ng	100
71) Phenanthrene	11.451	178	651415	38.601	ng	100
72) Anthracene	11.504	178	679984	38.828	ng	100
73) Carbazole	11.657	167	634025	40.205	ng	100
74) Di-n-butylphthalate	11.986	149	720277	43.024	ng	100
75) Fluoranthene	12.645	202	745248	44.076	ng	100
77) Benzidine	12.763	184	339768	42.155	ng	100
78) Pyrene	12.874	202	684749	35.984	ng	100
80) Butylbenzylphthalate	13.486	149	225271	38.441	ng	100
81) Benzo(a)anthracene	14.063	228	601282	39.672	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	198683	41.010	ng	100
83) Chrysene	14.098	228	560504	39.044	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	280000	41.849	ng	100
85) Di-n-octyl phthalate	14.657	149	510773	39.252	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	637370	40.047	ng	100
88) Benzo(b)fluoranthene	15.127	252	511131	38.024	ng	100
89) Benzo(k)fluoranthene	15.157	252	533158	42.149	ng	100
90) Benzo(a)pyrene	15.504	252	496529	39.418	ng	100
91) Dibenzo(a,h)anthracene	17.104	278	507864	39.640	ng	100
92) Benzo(g,h,i)perylene	17.545	276	515426	38.851	ng	100

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

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