Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060925\
Data File : BF142695.D
Acq On : 09 Jun 2025 16:03
Operator : RC/JU
Sample : SSTDICC060
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jun 09 17:25:00 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	6.898	152	98168	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	340625	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	177633	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	334985	20.000	ng	0.00
76) Chrysene-d12	14.074	240	165606	20.000	ng	0.00
86) Perylene-d12	15.568	264	180662	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	622826	107.726	ng	0.00
7) Phenol-d6	6.528	99	805972	118.873	ng	0.00
23) Nitrobenzene-d5	7.469	82	778150	125.547	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	254526	127.535	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1485835	114.392	ng	0.00
79) Terphenyl-d14	13.016	244	1355043	129.405	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	126741	57.247	ng	100
3) Pyridine	3.451	79	332762	58.278	ng	99
4) n-Nitrosodimethylamine	3.416	42	163854	58.959	ng	98
6) Aniline	6.563	93	542185	59.562	ng	99
8) 2-Chlorophenol	6.681	128	377975	59.921	ng	99
9) Benzaldehyde	6.445	77	207047	54.169	ng	99
10) Phenol	6.545	94	447656	58.961	ng	91
11) bis(2-Chloroethyl)ether	6.634	93	329806	59.627	ng	98
12) 1,3-Dichlorobenzene	6.839	146	417912	59.158	ng	99
13) 1,4-Dichlorobenzene	6.916	146	421067	58.295	ng	99
14) 1,2-Dichlorobenzene	7.069	146	410226	59.565	ng	98
15) Benzyl Alcohol	7.039	79	308308	62.164	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	531359	58.995	ng	95
17) 2-Methylphenol	7.151	107	295863	61.168	ng	99
18) Hexachloroethane	7.410	117	142334	57.358	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	225935	56.847	ng	99
20) 3+4-Methylphenols	7.304	107	331876	55.712	ng	98
22) Acetophenone	7.310	105	443526	59.566	ng	99
24) Nitrobenzene	7.486	77	350593	62.721	ng	100
25) Isophorone	7.722	82	646008	64.242	ng	100
26) 2-Nitrophenol	7.798	139	207744	67.377	ng	99
27) 2,4-Dimethylphenol	7.833	122	344331	65.710	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	413622	65.581	ng	99
29) 2,4-Dichlorophenol	8.039	162	289939	60.396	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	311759	59.537	ng	99
31) Naphthalene	8.204	128	973979	58.027	ng	100
32) Benzoic acid	7.963	122	217394	68.338	ng	99
33) 4-Chloroaniline	8.251	127	405309	58.735	ng	99
34) Hexachlorobutadiene	8.322	225	191388	59.345	ng	99
35) Caprolactam	8.633	113	93019	63.085	ng	97
36) 4-Chloro-3-methylphenol	8.733	107	309007	62.403	ng	98
37) 2-Methylnaphthalene	8.892	142	638919	60.495	ng	100
38) 1-Methylnaphthalene	8.992	142	678099	62.000	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	332509	64.773	ng	99
41) Hexachlorocyclopentadiene	9.045	237	218314	72.419	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	212874	63.198	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	227756	63.306	ng	98
46) 1,1'-Biphenyl	9.363	154	840662	60.861	ng	99
47) 2-Chloronaphthalene	9.386	162	635951	61.448	ng	99
48) 2-Nitroaniline	9.480	65	198756	64.536	ng	97
49) Acenaphthylene	9.804	152	999215	58.254	ng	100
50) Dimethylphthalate	9.663	163	739979	61.916	ng	100
51) 2,6-Dinitrotoluene	9.722	165	172744	66.817	ng	98
52) Acenaphthene	9.975	154	616664	58.770	ng	99
53) 3-Nitroaniline	9.892	138	177678	61.164	ng	98
54) 2,4-Dinitrophenol	10.004	184	97065	67.812	ng	96
55) Dibenzofuran	10.145	168	886854	58.914	ng	99
56) 4-Nitrophenol	10.051	139	129174	64.692	ng	98
57) 2,4-Dinitrotoluene	10.127	165	211934	61.156	ng	98
58) Fluorene	10.492	166	722426	60.042	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	194105	64.115	ng	98
60) Diethylphthalate	10.357	149	703400	60.625	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	346296	60.875	ng	98
62) 4-Nitroaniline	10.510	138	177050	64.248	ng	98
63) Azobenzene	10.639	77	640912	61.666	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	132891	62.199	ng	100
66) n-Nitrosodiphenylamine	10.598	169	637712	58.962	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	224470	60.625	ng	99
68) Hexachlorobenzene	11.039	284	250593	58.901	ng	99
69) Atrazine	11.122	200	189732	57.846	ng	99
70) Pentachlorophenol	11.233	266	137182	58.633	ng	99
71) Phenanthrene	11.457	178	1021895	57.063	ng	100
72) Anthracene	11.504	178	1043090	56.127	ng	99
73) Carbazole	11.657	167	917920	54.851	ng	100
74) Di-n-butylphthalate	11.986	149	911920	51.330	ng	100
75) Fluoranthene	12.645	202	969277	54.020	ng	99
77) Benzidine	12.763	184	381410	66.732	ng	100
78) Pyrene	12.874	202	890618	66.000	ng	100
80) Butylbenzylphthalate	13.486	149	292599	70.410	ng	99
81) Benzo(a)anthracene	14.063	228	654556	60.902	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	214574	62.457	ng	99
83) Chrysene	14.098	228	610832	60.003	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	329055	69.354	ng	100
85) Di-n-octyl phthalate	14.657	149	698164	75.660	ng	99
87) Indeno(1,2,3-cd)pyrene	17.092	276	835723	65.396	ng	99
88) Benzo(b)fluoranthene	15.127	252	648370	60.070	ng	100
89) Benzo(k)fluoranthene	15.157	252	537920	52.961	ng	100
90) Benzo(a)pyrene	15.504	252	599182	59.241	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	682618	66.355	ng	99
92) Benzo(g,h,i)perylene	17.556	276	704185	66.104	ng	99

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

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