Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060925\
Data File : BF142694.D
Acq On : 09 Jun 2025 15:34
Operator : RC/JU
Sample : SSTDICC050
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Quant Time: Jun 09 17:24:49 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	96694	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	364856	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	178880	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	330655	20.000	ng	0.00
76) Chrysene-d12	14.074	240	199600	20.000	ng	0.00
86) Perylene-d12	15.569	264	178762	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	596301	104.711	ng	0.00
7) Phenol-d6	6.528	99	705740	105.677	ng	0.00
23) Nitrobenzene-d5	7.463	82	708154	106.666	ng	0.00
42) 2,4,6-Tribromophenol	10.734	330	222280	110.601	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1273047	97.327	ng	0.00
79) Terphenyl-d14	13.016	244	1299701	102.981	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	115253	52.852	ng	98
3) Pyridine	3.452	79	294174	52.305	ng	100
4) n-Nitrosodimethylamine	3.410	42	141074	51.536	ng	100
6) Aniline	6.557	93	479255	53.452	ng	97
8) 2-Chlorophenol	6.681	128	324586	52.242	ng	99
9) Benzaldehyde	6.446	77	199410	52.966	ng	99
10) Phenol	6.540	94	399008	53.355	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	284789	52.273	ng	99
12) 1,3-Dichlorobenzene	6.840	146	358578	51.533	ng	98
13) 1,4-Dichlorobenzene	6.916	146	368987	51.863	ng	100
14) 1,2-Dichlorobenzene	7.069	146	357909	52.760	ng	98
15) Benzyl Alcohol	7.040	79	264629	54.171	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.169	45	468094	52.764	ng	98
17) 2-Methylphenol	7.151	107	257552	54.059	ng	98
18) Hexachloroethane	7.410	117	127368	52.110	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	202549	51.740	ng	100
20) 3+4-Methylphenols	7.304	107	298018	50.791	ng	94
22) Acetophenone	7.310	105	398297	49.939	ng	97
24) Nitrobenzene	7.481	77	323976	54.110	ng	98
25) Isophorone	7.722	82	532384	49.427	ng	100
26) 2-Nitrophenol	7.798	139	168006	50.870	ng	98
27) 2,4-Dimethylphenol	7.834	122	281251	50.108	ng	98
28) bis(2-Chloroethoxy)met...	7.928	93	340565	50.412	ng	99
29) 2,4-Dichlorophenol	8.040	162	269230	52.358	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	291633	51.995	ng	99
31) Naphthalene	8.204	128	917133	51.011	ng	100
32) Benzoic acid	7.951	122	178868	52.493	ng	100
33) 4-Chloroaniline	8.251	127	384120	51.968	ng	100
34) Hexachlorobutadiene	8.316	225	177827	51.478	ng	98
35) Caprolactam	8.628	113	85655	54.233	ng	98
36) 4-Chloro-3-methylphenol	8.734	107	265845	50.121	ng	98
37) 2-Methylnaphthalene	8.892	142	581176	51.373	ng	99
38) 1-Methylnaphthalene	8.992	142	603788	51.540	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	258649	50.034	ng	100
41) Hexachlorocyclopentadiene	9.045	237	166328	54.789	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	174699	51.503	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	186556	51.492	ng	97
46) 1,1'-Biphenyl	9.357	154	684395	49.203	ng	99
47) 2-Chloronaphthalene	9.387	162	514112	49.329	ng	99
48) 2-Nitroaniline	9.481	65	158939	51.248	ng	98
49) Acenaphthylene	9.804	152	885603	51.270	ng	100
50) Dimethylphthalate	9.657	163	606003	50.352	ng	100
51) 2,6-Dinitrotoluene	9.722	165	136340	52.368	ng	98
52) Acenaphthene	9.975	154	553566	52.388	ng	100
53) 3-Nitroaniline	9.892	138	156592	53.529	ng	99
54) 2,4-Dinitrophenol	9.998	184	86301	59.872	ng	98
55) Dibenzofuran	10.145	168	806733	53.218	ng	99
56) 4-Nitrophenol	10.051	139	117184	58.279	ng	96
57) 2,4-Dinitrotoluene	10.128	165	193583	55.471	ng	98
58) Fluorene	10.486	166	659736	54.450	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	168269	55.194	ng	98
60) Diethylphthalate	10.357	149	644128	55.129	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	318997	55.685	ng	97
62) 4-Nitroaniline	10.510	138	162130	58.424	ng	98
63) Azobenzene	10.639	77	596071	56.952	ng	99
65) 4,6-Dinitro-2-methylph...	10.539	198	119236	56.539	ng	99
66) n-Nitrosodiphenylamine	10.598	169	589800	55.246	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	196498	53.765	ng	99
68) Hexachlorobenzene	11.039	284	229905	54.746	ng	99
69) Atrazine	11.122	200	179031	55.298	ng	99
70) Pentachlorophenol	11.233	266	126643	54.837	ng	99
71) Phenanthrene	11.451	178	896875	50.738	ng	100
72) Anthracene	11.504	178	948414	51.701	ng	99
73) Carbazole	11.657	167	889144	53.827	ng	99
74) Di-n-butylphthalate	11.986	149	934189	53.272	ng	100
75) Fluoranthene	12.645	202	847121	47.830	ng	100
77) Benzidine	12.763	184	366346	53.180	ng	100
78) Pyrene	12.875	202	859923	52.872	ng	99
80) Butylbenzylphthalate	13.486	149	282322	56.367	ng	99
81) Benzo(a)anthracene	14.063	228	671106	51.808	ng	100
82) 3,3'-Dichlorobenzidine	14.022	252	231937	56.013	ng	99
83) Chrysene	14.098	228	631136	51.439	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	328007	57.359	ng	99
85) Di-n-octyl phthalate	14.657	149	578656	52.029	ng	100
87) Indeno(1,2,3-cd)pyrene	17.092	276	690246	54.587	ng	100
88) Benzo(b)fluoranthene	15.127	252	591071	55.344	ng	100
89) Benzo(k)fluoranthene	15.157	252	485157	48.274	ng	99
90) Benzo(a)pyrene	15.504	252	519088	51.867	ng	99
91) Dibenzo(a,h)anthracene	17.110	278	559687	54.983	ng	100
92) Benzo(g,h,i)perylene	17.551	276	631821	59.941	ng	100

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

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