Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060925\
Data File : BF142696.D
Acq On : 09 Jun 2025 16:32
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Quant Time: Jun 09 17:25:10 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	90122	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	333988	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	180739	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	328910	20.000	ng	0.00
76) Chrysene-d12	14.074	240	187835	20.000	ng	0.00
86) Perylene-d12	15.568	264	240558	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	791336	149.092	ng	0.00
7) Phenol-d6	6.534	99	945417	151.889	ng	0.01
23) Nitrobenzene-d5	7.469	82	924119	152.061	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	322580	158.858	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1764478	133.510	ng	0.00
79) Terphenyl-d14	13.016	244	1649318	138.868	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	166843	82.089	ng	99
3) Pyridine	3.452	79	431487	82.314	ng	99
4) n-Nitrosodimethylamine	3.428	42	212769	83.395	ng	100
6) Aniline	6.563	93	640362	76.628	ng	94
8) 2-Chlorophenol	6.687	128	439859	75.957	ng	99
9) Benzaldehyde	6.445	77	186686	53.202	ng	99
10) Phenol	6.551	94	522762	75.001	ng	77
11) bis(2-Chloroethyl)ether	6.634	93	386147	76.046	ng	98
12) 1,3-Dichlorobenzene	6.840	146	483942	74.621	ng	99
13) 1,4-Dichlorobenzene	6.916	146	481924	72.677	ng	98
14) 1,2-Dichlorobenzene	7.069	146	460457	72.827	ng	98
15) Benzyl Alcohol	7.045	79	353344	77.605	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	581512	70.328	ng	96
17) 2-Methylphenol	7.151	107	334951	75.432	ng	98
18) Hexachloroethane	7.410	117	171792	75.410	ng	98
19) n-Nitroso-di-n-propyla...	7.322	70	277456	76.043	ng	99
20) 3+4-Methylphenols	7.310	107	399349	73.024	ng	95
22) Acetophenone	7.316	105	532727	72.968	ng	98
24) Nitrobenzene	7.487	77	418371	76.334	ng	97
25) Isophorone	7.728	82	765934	77.682	ng	100
26) 2-Nitrophenol	7.798	139	237966	78.712	ng	96
27) 2,4-Dimethylphenol	7.839	122	392556	76.401	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	465203	75.225	ng	99
29) 2,4-Dichlorophenol	8.045	162	357959	76.047	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	384272	74.843	ng	98
31) Naphthalene	8.210	128	1194109	72.555	ng	100
32) Benzoic acid	7.981	122	261312	83.776	ng	99
33) 4-Chloroaniline	8.257	127	499313	73.795	ng	99
34) Hexachlorobutadiene	8.322	225	231593	73.239	ng	98
35) Caprolactam	8.645	113	112979	78.145	ng	98
36) 4-Chloro-3-methylphenol	8.739	107	368412	75.878	ng	100
37) 2-Methylnaphthalene	8.898	142	734819	70.958	ng	100
38) 1-Methylnaphthalene	8.998	142	757808	70.665	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	372756	71.365	ng	99
41) Hexachlorocyclopentadiene	9.045	237	255993	83.458	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	266092	77.640	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	270814	73.980	ng	98
46) 1,1'-Biphenyl	9.363	154	989140	70.380	ng	99
47) 2-Chloronaphthalene	9.386	162	749902	71.213	ng	98
48) 2-Nitroaniline	9.486	65	235518	75.159	ng	100
49) Acenaphthylene	9.804	152	1248414	71.531	ng	100
50) Dimethylphthalate	9.669	163	890324	73.216	ng	100
51) 2,6-Dinitrotoluene	9.728	165	201782	76.708	ng	99
52) Acenaphthene	9.975	154	793723	74.344	ng	100
53) 3-Nitroaniline	9.898	138	225075	76.148	ng	97
54) 2,4-Dinitrophenol	10.004	184	131672	90.409	ng	99
55) Dibenzofuran	10.151	168	1095484	71.523	ng	99
56) 4-Nitrophenol	10.057	139	171106	84.220	ng	98
57) 2,4-Dinitrotoluene	10.133	165	274359	77.809	ng	95
58) Fluorene	10.492	166	896579	73.236	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	240173	77.969	ng	99
60) Diethylphthalate	10.363	149	880038	74.545	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	429622	74.225	ng	99
62) 4-Nitroaniline	10.516	138	234169	83.515	ng	97
63) Azobenzene	10.639	77	807113	76.322	ng	98
65) 4,6-Dinitro-2-methylph...	10.545	198	171849	81.919	ng	99
66) n-Nitrosodiphenylamine	10.604	169	793611	74.731	ng	99
67) 4-Bromophenyl-phenylether	10.975	248	288254	79.290	ng	97
68) Hexachlorobenzene	11.039	284	321012	76.846	ng	98
69) Atrazine	11.128	200	257299	79.895	ng	99
70) Pentachlorophenol	11.233	266	189634	82.548	ng	99
71) Phenanthrene	11.457	178	1242142	70.643	ng	100
72) Anthracene	11.510	178	1303436	71.431	ng	99
73) Carbazole	11.663	167	1203916	73.269	ng	100
74) Di-n-butylphthalate	11.986	149	1260010	72.233	ng	99
75) Fluoranthene	12.645	202	1166816	66.231	ng	99
77) Benzidine	12.763	184	406155	62.652	ng	100
78) Pyrene	12.874	202	1132693	74.005	ng	99
80) Butylbenzylphthalate	13.486	149	380245	80.673	ng	98
81) Benzo(a)anthracene	14.063	228	905666	74.294	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	290817	74.632	ng	99
83) Chrysene	14.104	228	873122	75.618	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	484341	90.003	ng	100
85) Di-n-octyl phthalate	14.663	149	923302	88.217	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	1289552	75.784	ng	100
88) Benzo(b)fluoranthene	15.133	252	1072627	74.633	ng	100
89) Benzo(k)fluoranthene	15.163	252	1017171	75.211	ng	99
90) Benzo(a)pyrene	15.510	252	1013345	75.243	ng	100
91) Dibenzo(a,h)anthracene	17.115	278	1034959	75.555	ng	99
92) Benzo(g,h,i)perylene	17.562	276	1039684	73.297	ng	100

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

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