Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060925\
Data File : BF142691.D
Acq On : 09 Jun 2025 14:07
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Jun 09 17:24:19 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	102206	20.000	ng		0.00
21) Naphthalene-d8	8.181	136	372079	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	201241	20.000	ng		0.00
64) Phenanthrene-d10	11.421	188	362826	20.000	ng		0.00
76) Chrysene-d12	14.068	240	275728	20.000	ng		0.00
86) Perylene-d12	15.562	264	204099	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	124184	20.631	ng		0.00
7) Phenol-d6	6.516	99	140564	19.913	ng		0.00
23) Nitrobenzene-d5	7.451	82	135434	20.004	ng		-0.01
42) 2,4,6-Tribromophenol	10.722	330	44610	19.730	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	324487	22.051	ng		0.00
79) Terphenyl-d14	13.010	244	351566	20.165	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.687	88	22755	9.872	ng		98
3) Pyridine	3.457	79	56705	9.539	ng		98
4) n-Nitrosodimethylamine	3.387	42	27189	9.397	ng		99
6) Aniline	6.551	93	93143	9.828	ng		99
8) 2-Chlorophenol	6.675	128	65805	10.020	ng		99
9) Benzaldehyde	6.445	77	46410	11.662	ng		96
10) Phenol	6.528	94	79000	9.994	ng		94
11) bis(2-Chloroethyl)ether	6.622	93	57477	9.981	ng		99
12) 1,3-Dichlorobenzene	6.834	146	74080	10.072	ng		99
13) 1,4-Dichlorobenzene	6.910	146	75552	10.047	ng		100
14) 1,2-Dichlorobenzene	7.063	146	66749	9.309	ng		98
15) Benzyl Alcohol	7.028	79	44917	8.699	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	91725	9.782	ng		99
17) 2-Methylphenol	7.139	107	46958	9.325	ng		99
18) Hexachloroethane	7.404	117	26736	10.349	ng		93
19) n-Nitroso-di-n-propyla...	7.298	70	43006	10.393	ng		97
20) 3+4-Methylphenols	7.298	107	62706	10.111	ng	#	79
22) Acetophenone	7.298	105	85722	10.539	ng		98
24) Nitrobenzene	7.475	77	60264	9.870	ng		99
25) Isophorone	7.710	82	113717	10.353	ng		100
26) 2-Nitrophenol	7.792	139	34193	10.152	ng		99
27) 2,4-Dimethylphenol	7.828	122	58973	10.303	ng		97
28) bis(2-Chloroethoxy)met...	7.922	93	74393	10.798	ng		99
29) 2,4-Dichlorophenol	8.033	162	50537	9.637	ng		99
30) 1,2,4-Trichlorobenzene	8.122	180	58618	10.248	ng		99
31) Naphthalene	8.198	128	186662	10.181	ng		99
32) Benzoic acid	7.898	122	30090	8.659	ng		94
33) 4-Chloroaniline	8.245	127	76324	10.125	ng		99
34) Hexachlorobutadiene	8.316	225	36350	10.318	ng		98
35) Caprolactam	8.586	113	14727	9.144	ng		94
36) 4-Chloro-3-methylphenol	8.722	107	54824	10.136	ng		99
37) 2-Methylnaphthalene	8.892	142	123271	10.685	ng		99
38) 1-Methylnaphthalene	8.992	142	122257	10.233	ng		100
40) 1,2,4,5-Tetrachloroben...	9.057	216	59641	10.255	ng		99
41) Hexachlorocyclopentadiene	9.045	237	27327	8.001	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	40023	10.488	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	42127	10.336	ng	97
46) 1,1'-Biphenyl	9.357	154	166083	10.613	ng	98
47) 2-Chloronaphthalene	9.380	162	123036	10.494	ng	99
48) 2-Nitroaniline	9.475	65	33448	9.587	ng	99
49) Acenaphthylene	9.798	152	201264	10.357	ng	99
50) Dimethylphthalate	9.651	163	138398	10.222	ng	100
51) 2,6-Dinitrotoluene	9.716	165	26528	9.057	ng	99
52) Acenaphthene	9.969	154	122682	10.320	ng	98
53) 3-Nitroaniline	9.880	138	31583	9.597	ng	95
54) 2,4-Dinitrophenol	9.992	184	11652	7.185	ng	88
55) Dibenzofuran	10.139	168	180061	10.558	ng	99
56) 4-Nitrophenol	10.045	139	19298	8.531	ng	96
57) 2,4-Dinitrotoluene	10.116	165	39179	9.979	ng	97
58) Fluorene	10.480	166	149476	10.966	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	34011	9.916	ng	98
60) Diethylphthalate	10.351	149	134272	10.215	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	69232	10.743	ng	96
62) 4-Nitroaniline	10.492	138	29512	9.453	ng	98
63) Azobenzene	10.633	77	122238	10.381	ng	98
65) 4,6-Dinitro-2-methylph...	10.527	198	19854	8.580	ng	98
66) n-Nitrosodiphenylamine	10.592	169	123372	10.532	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	38956	9.714	ng	98
68) Hexachlorobenzene	11.033	284	45386	9.849	ng	99
69) Atrazine	11.116	200	35078	9.874	ng	96
70) Pentachlorophenol	11.227	266	20307	8.013	ng	98
71) Phenanthrene	11.451	178	202355	10.432	ng	98
72) Anthracene	11.498	178	209829	10.424	ng	99
73) Carbazole	11.657	167	188427	10.396	ng	100
74) Di-n-butylphthalate	11.980	149	183503	9.536	ng	99
75) Fluoranthene	12.639	202	206148	10.608	ng	100
77) Benzidine	12.763	184	90848	9.547	ng	99
78) Pyrene	12.868	202	218773	9.737	ng	99
80) Butylbenzylphthalate	13.480	149	56415	8.154	ng	98
81) Benzo(a)anthracene	14.057	228	172676	9.650	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	51441	8.993	ng	99
83) Chrysene	14.092	228	169082	9.976	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	64954	8.223	ng	99
85) Di-n-octyl phthalate	14.657	149	116791	7.602	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	138884	9.620	ng	99
88) Benzo(b)fluoranthene	15.121	252	114500	9.390	ng	99
89) Benzo(k)fluoranthene	15.151	252	108461	9.452	ng	99
90) Benzo(a)pyrene	15.498	252	112373	9.834	ng	100
91) Dibenzo(a,h)anthracene	17.092	278	112016	9.638	ng	100
92) Benzo(g,h,i)perylene	17.533	276	112108	9.315	ng	100

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

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