Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061125\
Data File : BF142714.D
Acq On : 10 Jun 2025 17:53
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jun 11 04:44:00 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 11 04:40:33 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 06/11/2025
Supervised By :Jagrut Upadhyay 06/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.893	152	78202	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	297644	20.000	ng		0.00
39) Acenaphthene-d10	9.933	164	171293	20.000	ng		0.00
64) Phenanthrene-d10	11.422	188	304369	20.000	ng		0.00
76) Chrysene-d12	14.069	240	175894	20.000	ng		0.00
86) Perylene-d12	15.563	264	145296	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	91494	19.825	ng		0.00
7) Phenol-d6	6.510	99	104679	19.395	ng		-0.01
23) Nitrobenzene-d5	7.451	82	108036	19.910	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	38257	19.941	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	275752	21.861	ng		0.00
79) Terphenyl-d14	13.004	244	274700	23.723	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	17535	9.921	ng		98
3) Pyridine	3.446	79	44155	9.701	ng		98
4) n-Nitrosodimethylamine	3.375	42	21829	9.760	ng	#	100
6) Aniline	6.551	93	69923	9.647	ng		99
8) 2-Chlorophenol	6.675	128	49015	9.712	ng		98
9) Benzaldehyde	6.440	77	36871	12.061	ng		98
10) Phenol	6.528	94	58767	9.750	ng		93
11) bis(2-Chloroethyl)ether	6.622	93	43715	9.901	ng		98
12) 1,3-Dichlorobenzene	6.834	146	57969	10.261	ng		98
13) 1,4-Dichlorobenzene	6.910	146	58003	10.078	ng		98
14) 1,2-Dichlorobenzene	7.063	146	55430	10.101	ng		98
15) Benzyl Alcohol	7.028	79	37926	9.523	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	70858	9.916	ng		99
17) 2-Methylphenol	7.140	107	37156	9.649	ng		98
18) Hexachloroethane	7.404	117	20359	10.200	ng		98
19) n-Nitroso-di-n-propyla...	7.292	70	34025	10.659	ng		98
20) 3+4-Methylphenols	7.292	107	49292	10.358	ng	#	89
22) Acetophenone	7.298	105	67100	10.307	ng		99
24) Nitrobenzene	7.469	77	46653	9.556	ng		99
25) Isophorone	7.710	82	92430	10.409	ng		99
26) 2-Nitrophenol	7.792	139	25953	9.646	ng		97
27) 2,4-Dimethylphenol	7.822	122	45074	9.823	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	56675	10.270	ng		99
29) 2,4-Dichlorophenol	8.034	162	41840	10.033	ng		97
30) 1,2,4-Trichlorobenzene	8.116	180	46583	10.130	ng		99
31) Naphthalene	8.198	128	148394	10.116	ng		100
32) Benzoic acid	7.898	122	20380	7.420	ng		91
33) 4-Chloroaniline	8.245	127	57953	9.627	ng		98
34) Hexachlorobutadiene	8.316	225	30416	10.686	ng		98
35) Caprolactam	8.581	113	11406	9.021	ng		97
36) 4-Chloro-3-methylphenol	8.722	107	44561	10.173	ng		96
37) 2-Methylnaphthalene	8.886	142	96652	10.341	ng		100
38) 1-Methylnaphthalene	8.986	142	99084	10.283	ng		100
40) 1,2,4,5-Tetrachloroben...	9.057	216	50666	10.170	ng		99
41) Hexachlorocyclopentadiene	9.039	237	25422	8.555	ng		98
43) 2,4,6-Trichlorophenol	9.169	196	31960	9.820	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	34641	9.940	ng	97
46) 1,1'-Biphenyl	9.351	154	138529	10.404	ng	99
47) 2-Chloronaphthalene	9.381	162	100376	10.076	ng	98
48) 2-Nitroaniline	9.469	65	27476	9.351	ng	97
49) Acenaphthylene	9.792	152	170087	10.293	ng	100
50) Dimethylphthalate	9.645	163	117189	10.171	ng	100
51) 2,6-Dinitrotoluene	9.710	165	24267	9.703	ng	92
52) Acenaphthene	9.969	154	104654	10.345	ng	100
53) 3-Nitroaniline	9.881	138	26814	9.637	ng	98
54) 2,4-Dinitrophenol	9.992	184	10498	7.649	ng	92
55) Dibenzofuran	10.139	168	152164	10.482	ng	98
56) 4-Nitrophenol	10.039	139	17392	9.141	ng	98
57) 2,4-Dinitrotoluene	10.116	165	32824	9.861	ng	99
58) Fluorene	10.480	166	122374	10.564	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	29038m	10.042	ng	
60) Diethylphthalate	10.345	149	119243	10.637	ng	99
61) 4-Chlorophenyl-phenyle...	10.475	204	59238	10.756	ng	96
62) 4-Nitroaniline	10.492	138	24067	9.231	ng	98
63) Azobenzene	10.633	77	101592	10.110	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	15886	8.392	ng	90
66) n-Nitrosodiphenylamine	10.586	169	103342	10.526	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	34896	10.364	ng	98
68) Hexachlorobenzene	11.033	284	39719	10.331	ng	97
69) Atrazine	11.110	200	26536	9.090	ng	98
70) Pentachlorophenol	11.228	266	17981	8.662	ng	99
71) Phenanthrene	11.445	178	167382	10.281	ng	99
72) Anthracene	11.498	178	174314	10.340	ng	99
73) Carbazole	11.651	167	146072	9.755	ng	99
74) Di-n-butylphthalate	11.980	149	159448	10.061	ng	100
75) Fluoranthene	12.639	202	164874	10.413	ng	99
77) Benzidine	12.763	184	62561	10.131	ng	99
78) Pyrene	12.869	202	168642	11.351	ng	99
80) Butylbenzylphthalate	13.480	149	42755	9.423	ng	98
81) Benzo(a)anthracene	14.057	228	111987	9.743	ng	99
82) 3,3'-Dichlorobenzidine	14.021	252	32572	8.868	ng	99
83) Chrysene	14.092	228	106218	9.855	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	62338	11.522	ng	100
85) Di-n-octyl phthalate	14.657	149	112882	10.593	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	102110	9.854	ng	100
88) Benzo(b)fluoranthene	15.121	252	79463	9.125	ng	100
89) Benzo(k)fluoranthene	15.151	252	85570	10.623	ng	100
90) Benzo(a)pyrene	15.498	252	78787	9.685	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	85402	10.184	ng	99
92) Benzo(g,h,i)perylene	17.527	276	84574	9.787	ng	97

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

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