Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090325\
Data File : BF143632.D
Acq On : 03 Sep 2025 18:08
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Sep 03 18:50:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 03 18:35:49 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF090325

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 09/04/2025
Supervised By :Jagrut Upadhyay 09/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.892	152	100123	20.000	ng		0.00
21) Naphthalene-d8	8.175	136	381917	20.000	ng		0.00
39) Acenaphthene-d10	9.927	164	220601	20.000	ng		0.00
64) Phenanthrene-d10	11.416	188	360686	20.000	ng		0.00
76) Chrysene-d12	14.051	240	214464	20.000	ng		0.00
86) Perylene-d12	15.527	264	210301	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	464232	82.141	ng		0.00
7) Phenol-d6	6.510	99	571265	81.440	ng		0.00
23) Nitrobenzene-d5	7.457	82	514243	94.635	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	177260	96.090	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1082464	78.395	ng		0.00
79) Terphenyl-d14	12.998	244	1088902	84.599	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.681	88	107255	40.223	ng		97
3) Pyridine	3.446	79	283049	40.066	ng		100
4) n-Nitrosodimethylamine	3.398	42	117848	40.165	ng		97
6) Aniline	6.557	93	394292	40.382	ng		100
8) 2-Chlorophenol	6.675	128	255774	43.700	ng		100
9) Benzaldehyde	6.445	77	227875	43.723	ng		99
10) Phenol	6.528	94	315198m	40.985	ng		
11) bis(2-Chloroethyl)ether	6.628	93	241751	40.138	ng		100
12) 1,3-Dichlorobenzene	6.834	146	288666	39.963	ng		99
13) 1,4-Dichlorobenzene	6.910	146	291834	40.281	ng		99
14) 1,2-Dichlorobenzene	7.063	146	274664	40.058	ng		99
15) Benzyl Alcohol	7.028	79	221422	41.542	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	379121	39.994	ng		100
17) 2-Methylphenol	7.133	107	210073	41.050	ng		99
18) Hexachloroethane	7.404	117	97657	43.207	ng		99
19) n-Nitroso-di-n-propyla...	7.304	70	184324	41.264	ng		99
20) 3+4-Methylphenols	7.292	107	267195	41.478	ng	#	84
22) Acetophenone	7.298	105	344508	39.888	ng		98
24) Nitrobenzene	7.475	77	269052	46.307	ng		99
25) Isophorone	7.716	82	500818	40.900	ng		99
26) 2-Nitrophenol	7.786	139	122779	48.638	ng		99
27) 2,4-Dimethylphenol	7.822	122	226455	42.477	ng		99
28) bis(2-Chloroethoxy)met...	7.922	93	299733	40.040	ng		99
29) 2,4-Dichlorophenol	8.022	162	227614	43.509	ng		98
30) 1,2,4-Trichlorobenzene	8.116	180	232627	40.803	ng		99
31) Naphthalene	8.198	128	757207	40.534	ng		99
32) Benzoic acid	7.922	122	146349m	45.592	ng		
33) 4-Chloroaniline	8.239	127	271767	42.015	ng		99
34) Hexachlorobutadiene	8.316	225	152623	41.155	ng		98
35) Caprolactam	8.616	113	65447	46.683	ng		94
36) 4-Chloro-3-methylphenol	8.716	107	234209	42.754	ng		98
37) 2-Methylnaphthalene	8.886	142	517134	40.926	ng		100
38) 1-Methylnaphthalene	8.986	142	494172	40.905	ng		98
40) 1,2,4,5-Tetrachloroben...	9.051	216	244992	40.184	ng		100
41) Hexachlorocyclopentadiene	9.039	237	129745	43.824	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	166398	44.299	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.192	196	173836	44.828	ng		99
46)	1,1'-Biphenyl	9.351	154	618582	39.427	ng		99
47)	2-Chloronaphthalene	9.375	162	490178	39.923	ng		99
48)	2-Nitroaniline	9.469	65	143084	43.292	ng		94
49)	Acenaphthylene	9.786	152	709673	40.106	ng		100
50)	Dimethylphthalate	9.645	163	584640	41.853	ng		100
51)	2,6-Dinitrotoluene	9.710	165	112910	44.730	ng		98
52)	Acenaphthene	9.963	154	477229	40.318	ng		99
53)	3-Nitroaniline	9.874	138	125544	44.802	ng		96
54)	2,4-Dinitrophenol	9.980	184	45943	49.295	ng	#	1
55)	Dibenzofuran	10.133	168	695273	40.431	ng		99
56)	4-Nitrophenol	10.022	139	101826	49.165	ng		99
57)	2,4-Dinitrotoluene	10.110	165	154050	45.057	ng		97
58)	Fluorene	10.474	166	528563	39.738	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.245	232	141539	48.060	ng		99
60)	Diethylphthalate	10.351	149	558700	42.130	ng		99
61)	4-Chlorophenyl-phenyle...	10.469	204	266241	40.113	ng		99
62)	4-Nitroaniline	10.492	138	120822	44.281	ng		100
63)	Azobenzene	10.627	77	510908	40.872	ng		99
65)	4,6-Dinitro-2-methylph...	10.516	198	69004	45.635	ng		98
66)	n-Nitrosodiphenylamine	10.586	169	460184	39.529	ng		99
67)	4-Bromophenyl-phenylether	10.957	248	170275	40.705	ng		99
68)	Hexachlorobenzene	11.021	284	176691	40.211	ng		98
69)	Atrazine	11.110	200	154572	44.412	ng		99
70)	Pentachlorophenol	11.210	266	115474	46.782	ng		98
71)	Phenanthrene	11.439	178	770645	39.513	ng		100
72)	Anthracene	11.492	178	785121	40.137	ng		99
73)	Carbazole	11.645	167	679889	41.236	ng		100
74)	Di-n-butylphthalate	11.974	149	830341	44.853	ng		100
75)	Fluoranthene	12.627	202	734571	41.009	ng		99
77)	Benzidine	12.745	184	213251	43.461	ng		99
78)	Pyrene	12.857	202	738127	41.709	ng		100
80)	Butylbenzylphthalate	13.474	149	248214	44.299	ng		99
81)	Benzo(a)anthracene	14.039	228	546964	39.375	ng		100
82)	3,3'-Dichlorobenzidine	14.004	252	163766	43.248	ng		99
83)	Chrysene	14.080	228	522200	41.820	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.033	149	330937	42.177	ng		100
85)	Di-n-octyl phthalate	14.645	149	566498	44.521	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.021	276	607369	41.428	ng		100
88)	Benzo(b)fluoranthene	15.092	252	528781	41.733	ng		99
89)	Benzo(k)fluoranthene	15.121	252	437889	39.962	ng		99
90)	Benzo(a)pyrene	15.462	252	448665	41.194	ng		99
91)	Dibenzo(a,h)anthracene	17.039	278	497846	41.286	ng		100
92)	Benzo(g,h,i)perylene	17.474	276	472073	40.640	ng		100

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

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