Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082625\
Data File : BF143593.D
Acq On : 26 Aug 2025 15:40
Operator : RC/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 26 16:38:33 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 26 16:30:52 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
ICVBF082625

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/27/2025
Supervised By :Jagrut Upadhyay 08/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	157712	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	601114	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	327150	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	506960	20.000	ng	0.00
76) Chrysene-d12	14.051	240	276317	20.000	ng	0.00
86) Perylene-d12	15.527	264	321846	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	704424	76.019	ng	0.00
7) Phenol-d6	6.510	99	876773	76.394	ng	0.00
23) Nitrobenzene-d5	7.457	82	762282	90.545	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	222418	86.937	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1405536	73.456	ng	0.00
79) Terphenyl-d14	12.998	244	1203079	78.131	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	168044	37.069	ng	98
3) Pyridine	3.440	79	459615	40.375	ng	99
4) n-Nitrosodimethylamine	3.393	42	205702	37.975	ng	98
6) Aniline	6.557	93	609762	38.057	ng	99
8) 2-Chlorophenol	6.675	128	383878	39.156	ng	98
9) Benzaldehyde	6.445	77	367411	42.545	ng	99
10) Phenol	6.528	94	481885m	37.436	ng	
11) bis(2-Chloroethyl)ether	6.628	93	373323	37.848	ng	98
12) 1,3-Dichlorobenzene	6.833	146	426428	37.867	ng	98
13) 1,4-Dichlorobenzene	6.910	146	418786	36.881	ng	99
14) 1,2-Dichlorobenzene	7.063	146	404850	37.588	ng	99
15) Benzyl Alcohol	7.028	79	340258	39.558	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	651543	35.785	ng	98
17) 2-Methylphenol	7.133	107	319640	38.406	ng	99
18) Hexachloroethane	7.410	117	142953	39.621	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	272967	37.543	ng	97
20) 3+4-Methylphenols	7.292	107	401106	39.240	ng	98
22) Acetophenone	7.304	105	497165	36.725	ng	99
24) Nitrobenzene	7.475	77	406914	45.083	ng	98
25) Isophorone	7.716	82	752913	38.216	ng	99
26) 2-Nitrophenol	7.786	139	179721	48.492	ng	98
27) 2,4-Dimethylphenol	7.822	122	333584	38.915	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	445985	37.415	ng	100
29) 2,4-Dichlorophenol	8.028	162	331155	40.096	ng	99
30) 1,2,4-Trichlorobenzene	8.116	180	328582	38.104	ng	100
31) Naphthalene	8.198	128	1086358	37.406	ng	100
32) Benzoic acid	7.922	122	206022	47.270	ng	99
33) 4-Chloroaniline	8.239	127	397839	38.775	ng	99
34) Hexachlorobutadiene	8.316	225	207506	38.188	ng	99
35) Caprolactam	8.616	113	96855	41.278	ng	95
36) 4-Chloro-3-methylphenol	8.716	107	338996	39.260	ng	99
37) 2-Methylnaphthalene	8.886	142	714074	37.231	ng	98
38) 1-Methylnaphthalene	8.986	142	698764	37.750	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	324187	38.097	ng	100
41) Hexachlorocyclopentadiene	9.039	237	178267	42.585	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	226115	40.213	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	240561	42.338	ng		99
46) 1,1'-Biphenyl	9.351	154	853194	37.586	ng		100
47) 2-Chloronaphthalene	9.375	162	680043	37.924	ng		99
48) 2-Nitroaniline	9.469	65	213739	43.371	ng		97
49) Acenaphthylene	9.792	152	981552	37.621	ng		100
50) Dimethylphthalate	9.645	163	769901	38.260	ng		99
51) 2,6-Dinitrotoluene	9.710	165	149488	44.605	ng		95
52) Acenaphthene	9.963	154	658449	38.529	ng		99
53) 3-Nitroaniline	9.880	138	170796	43.240	ng	#	97
54) 2,4-Dinitrophenol	9.980	184	53959	51.246	ng	#	42
55) Dibenzofuran	10.133	168	934002	37.276	ng		100
56) 4-Nitrophenol	10.022	139	142962	43.838	ng		97
57) 2,4-Dinitrotoluene	10.110	165	199246	45.207	ng		97
58) Fluorene	10.480	166	687711	36.556	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	185382	44.131	ng		99
60) Diethylphthalate	10.351	149	715330	37.933	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	339548	36.906	ng		99
62) 4-Nitroaniline	10.492	138	161334	43.463	ng		96
63) Azobenzene	10.633	77	718182	37.562	ng		99
65) 4,6-Dinitro-2-methylph...	10.516	198	84325	49.211	ng		96
66) n-Nitrosodiphenylamine	10.586	169	613478	38.044	ng		99
67) 4-Bromophenyl-phenylether	10.963	248	211109	38.499	ng		99
68) Hexachlorobenzene	11.021	284	223302	38.071	ng		96
69) Atrazine	11.116	200	182262	39.321	ng		99
70) Pentachlorophenol	11.216	266	144141	43.012	ng		99
71) Phenanthrene	11.439	178	1004644	37.012	ng		100
72) Anthracene	11.492	178	1025365	37.485	ng		100
73) Carbazole	11.645	167	889140	37.604	ng		100
74) Di-n-butylphthalate	11.974	149	949301	39.416	ng		100
75) Fluoranthene	12.627	202	915700	36.948	ng		99
77) Benzidine	12.745	184	281785	44.295	ng		99
78) Pyrene	12.857	202	916578	39.636	ng		100
80) Butylbenzylphthalate	13.474	149	258180	40.181	ng		98
81) Benzo(a)anthracene	14.039	228	638066	36.704	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	196224	42.101	ng		99
83) Chrysene	14.080	228	628897	38.818	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	327160	39.310	ng		99
85) Di-n-octyl phthalate	14.651	149	610648	39.930	ng		98
87) Indeno(1,2,3-cd)pyrene	17.027	276	884839	40.409	ng		99
88) Benzo(b)fluoranthene	15.092	252	677056	36.818	ng		99
89) Benzo(k)fluoranthene	15.127	252	613528	35.683	ng		100
90) Benzo(a)pyrene	15.468	252	627013	38.591	ng		99
91) Dibenzo(a,h)anthracene	17.045	278	719681	40.157	ng		99
92) Benzo(g,h,i)perylene	17.480	276	716895	40.405	ng		100

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

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