Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143368.D
Acq On : 13 Aug 2025 11:42
Operator : RC/JU
Sample : Q2830-05MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BIN0009-DRIVEWAY-TP-WESTSIDEMSD

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 08/14/2025
Supervised By :Jagrut Upadhyay 08/15/2025

Quant Time: Aug 13 12:09:36 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 12 13:25:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	182122	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	707644	20.000	ng		0.00
39) Acenaphthene-d10	9.969	164	400799	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	660496	20.000	ng		0.00
76) Chrysene-d12	14.092	240	401162	20.000	ng		0.00
86) Perylene-d12	15.580	264	380758	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.575	112	1030173	97.815	ng		0.01
7) Phenol-d6	6.569	99	1365162	101.081	ng		0.00
23) Nitrobenzene-d5	7.487	82	878016	77.266	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	416362	142.146	ng		0.00
45) 2-Fluorobiphenyl	9.287	172	1556632	65.860	ng		0.00
79) Terphenyl-d14	13.033	244	1742522	77.549	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.852	88	216902	39.800	ng		99
3) Pyridine	3.610	79	587317	40.442	ng		98
4) n-Nitrosodimethylamine	3.552	42	317834	46.983	ng		99
6) Aniline	6.593	93	623006	32.720	ng	#	85
8) 2-Chlorophenol	6.722	128	538312	47.835	ng		97
9) Benzaldehyde	6.481	77	312941	35.058	ng		99
10) Phenol	6.581	94	683901	42.745	ng		90
11) bis(2-Chloroethyl)ether	6.663	93	535850	45.443	ng		100
12) 1,3-Dichlorobenzene	6.875	146	578637	44.578	ng		99
13) 1,4-Dichlorobenzene	6.945	146	581723	44.652	ng		99
14) 1,2-Dichlorobenzene	7.098	146	570467	46.129	ng		100
15) Benzyl Alcohol	7.069	79	492701	50.893	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	961341	45.666	ng		98
17) 2-Methylphenol	7.187	107	443333	46.670	ng		98
18) Hexachloroethane	7.445	117	202404	49.556	ng		97
19) n-Nitroso-di-n-propyla...	7.340	70	388884	46.600	ng		100
20) 3+4-Methylphenols	7.334	107	518418	45.126	ng		98
22) Acetophenone	7.334	105	694973	44.573	ng		99
24) Nitrobenzene	7.510	77	593508	48.092	ng		98
25) Isophorone	7.751	82	1117448	48.170	ng		100
26) 2-Nitrophenol	7.828	139	294278	58.630	ng		98
27) 2,4-Dimethylphenol	7.863	122	511164	52.817	ng		99
28) bis(2-Chloroethoxy)met...	7.957	93	676006	47.729	ng		100
29) 2,4-Dichlorophenol	8.069	162	468786	49.593	ng		99
30) 1,2,4-Trichlorobenzene	8.151	180	478500	47.989	ng		99
31) Naphthalene	8.234	128	1505002	44.199	ng		100
32) Benzoic acid	7.998	122	309164	65.585	ng		98
33) 4-Chloroaniline	8.275	127	272712	22.205	ng		99
34) Hexachlorobutadiene	8.351	225	288283	46.477	ng		99
35) Caprolactam	8.657	113	165196m	62.166	ng		
36) 4-Chloro-3-methylphenol	8.769	107	502504	50.708	ng		98
37) 2-Methylnaphthalene	8.922	142	946801	42.295	ng		100
38) 1-Methylnaphthalene	9.022	142	966128	44.811	ng		99
40) 1,2,4,5-Tetrachloroben...	9.092	216	480387	43.801	ng		99
41) Hexachlorocyclopentadiene	9.081	237	428209	108.143	ng		98
43) 2,4,6-Trichlorophenol	9.204	196	328493	52.788	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	351758	50.056	ng		100
46) 1,1'-Biphenyl	9.386	154	1270549	44.834	ng		100
47) 2-Chloronaphthalene	9.416	162	979937	43.906	ng		99
48) 2-Nitroaniline	9.504	65	340937	52.679	ng		100
49) Acenaphthylene	9.828	152	1581483	49.067	ng		99
50) Dimethylphthalate	9.686	163	1214679	51.866	ng		99
51) 2,6-Dinitrotoluene	9.745	165	268843	59.883	ng		94
52) Acenaphthene	10.004	154	1043271	48.688	ng		99
53) 3-Nitroaniline	9.916	138	192473	40.131	ng		98
54) 2,4-Dinitrophenol	10.028	184	241742	108.851	ng	#	79
55) Dibenzofuran	10.175	168	1401976	45.461	ng		99
56) 4-Nitrophenol	10.086	139	377068	97.115	ng		95
57) 2,4-Dinitrotoluene	10.151	165	367974	61.658	ng		94
58) Fluorene	10.516	166	1069858	45.419	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	302951	63.954	ng		98
60) Diethylphthalate	10.386	149	1155461	55.082	ng		98
61) 4-Chlorophenyl-phenyle...	10.504	204	544980	47.882	ng		99
62) 4-Nitroaniline	10.534	138	276498	59.587	ng		99
63) Azobenzene	10.669	77	1235605	51.569	ng		95
65) 4,6-Dinitro-2-methylph...	10.563	198	186228	66.409	ng		96
66) n-Nitrosodiphenylamine	10.622	169	962968	44.277	ng		99
67) 4-Bromophenyl-phenylether	10.998	248	358621	47.475	ng		95
68) Hexachlorobenzene	11.069	284	376657	46.259	ng		99
69) Atrazine	11.151	200	331678	58.471	ng		99
70) Pentachlorophenol	11.263	266	403940	99.770	ng		97
71) Phenanthrene	11.480	178	1582864	43.924	ng		99
72) Anthracene	11.533	178	1617222	44.251	ng		100
73) Carbazole	11.680	167	1435658	46.126	ng		98
74) Di-n-butylphthalate	12.010	149	1806368	68.584	ng		100
75) Fluoranthene	12.669	202	1600581	50.705	ng		99
77) Benzidine	12.780	184	443223	40.413	ng		98
78) Pyrene	12.898	202	1573380	46.752	ng		99
80) Butylbenzylphthalate	13.504	149	628406	91.246	ng		98
81) Benzo(a)anthracene	14.080	228	1177706	46.189	ng		100
82) 3,3'-Dichlorobenzidine	14.039	252	240837	34.980	ng		99
83) Chrysene	14.121	228	1116683	46.969	ng		99
84) Bis(2-ethylhexyl)phtha...	14.063	149	801196	79.088	ng		97
85) Di-n-octyl phthalate	14.674	149	1151053	57.708	ng		96
87) Indeno(1,2,3-cd)pyrene	17.104	276	1270391	46.571	ng		99
88) Benzo(b)fluoranthene	15.145	252	1011358	48.563	ng		99
89) Benzo(k)fluoranthene	15.174	252	1035288	51.160	ng		100
90) Benzo(a)pyrene	15.521	252	987713	50.356	ng		99
91) Dibenzo(a,h)anthracene	17.121	278	1038764	47.665	ng		99
92) Benzo(g,h,i)perylene	17.562	276	1008201	45.924	ng		99

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

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