Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081325\
Data File : BF143371.D
Acq On : 13 Aug 2025 13:12
Operator : RC/JU
Sample : Q2808-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-7MSD

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

Quant Time: Aug 13 13:56:30 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	6.933	152	204222	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	798961	20.000	ng	0.00
39) Acenaphthene-d10	9.969	164	450354	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	728251	20.000	ng	0.00
76) Chrysene-d12	14.092	240	441399	20.000	ng	0.00
86) Perylene-d12	15.580	264	383048	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.586	112	1311902	111.086	ng	0.02
7) Phenol-d6	6.569	99	1604430	105.941	ng	0.00
23) Nitrobenzene-d5	7.492	82	1218297	94.958	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	538851	163.721	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	2143359	80.706	ng	0.00
79) Terphenyl-d14	13.033	244	2165295	87.580	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.004	88	207831	34.009	ng	# 82
3) Pyridine	3.698	79	533564	32.765	ng	99
4) n-Nitrosodimethylamine	3.628	42	309224	40.764	ng	98
6) Aniline	6.592	93	315305	14.768	ng	# 30
8) 2-Chlorophenol	6.722	128	543348	43.057	ng	98
9) Benzaldehyde	6.481	77	177248	17.708	ng	98
10) Phenol	6.586	94	617994	34.446	ng	95
11) bis(2-Chloroethyl)ether	6.663	93	562442	42.536	ng	99
12) 1,3-Dichlorobenzene	6.875	146	572659	39.343	ng	99
13) 1,4-Dichlorobenzene	6.951	146	581073	39.776	ng	100
14) 1,2-Dichlorobenzene	7.098	146	558285	40.259	ng	99
15) Benzyl Alcohol	7.075	79	514826	47.424	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	968972	41.047	ng	98
17) 2-Methylphenol	7.186	107	449536	42.202	ng	98
18) Hexachloroethane	7.445	117	195861	42.764	ng	95
19) n-Nitroso-di-n-propyla...	7.345	70	407240	43.519	ng	99
20) 3+4-Methylphenols	7.339	107	530004	41.142	ng	96
22) Acetophenone	7.339	105	736785	41.854	ng	96
24) Nitrobenzene	7.510	77	611620	43.895	ng	98
25) Isophorone	7.751	82	1171851	44.742	ng	100
26) 2-Nitrophenol	7.827	139	300836	53.430	ng	98
27) 2,4-Dimethylphenol	7.863	122	534714	48.935	ng	100
28) bis(2-Chloroethoxy)met...	7.951	93	713884	44.642	ng	99
29) 2,4-Dichlorophenol	8.069	162	488279	45.751	ng	100
30) 1,2,4-Trichlorobenzene	8.151	180	497398	44.183	ng	100
31) Naphthalene	8.233	128	1543581	40.150	ng	100
32) Benzoic acid	7.975	122	141083	33.506	ng	97
33) 4-Chloroaniline	8.275	127	115160	8.305	ng	99
34) Hexachlorobutadiene	8.351	225	294124	41.999	ng	100
35) Caprolactam	8.657	113	142735m	47.574	ng	
36) 4-Chloro-3-methylphenol	8.769	107	519563	46.437	ng	100
37) 2-Methylnaphthalene	8.922	142	987985	39.090	ng	100
38) 1-Methylnaphthalene	9.022	142	1018078	41.824	ng	100
40) 1,2,4,5-Tetrachloroben...	9.092	216	509015	41.304	ng	99
41) Hexachlorocyclopentadiene	9.080	237	373103	85.345	ng	98
43) 2,4,6-Trichlorophenol	9.204	196	340640	48.717	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	369627	46.811	ng		98
46) 1,1'-Biphenyl	9.386	154	1334328	41.904	ng		99
47) 2-Chloronaphthalene	9.416	162	1038892	41.426	ng		99
48) 2-Nitroaniline	9.504	65	357271	49.315	ng		99
49) Acenaphthylene	9.827	152	1685034	46.527	ng		99
50) Dimethylphthalate	9.686	163	1325108	50.356	ng		99
51) 2,6-Dinitrotoluene	9.745	165	285317	56.724	ng		95
52) Acenaphthene	10.004	154	996598	41.392	ng		99
53) 3-Nitroaniline	9.916	138	132366	24.562	ng		100
54) 2,4-Dinitrophenol	10.027	184	63507	41.295	ng	#	83
55) Dibenzofuran	10.174	168	1472405	42.491	ng		99
56) 4-Nitrophenol	10.086	139	328236	76.470	ng		96
57) 2,4-Dinitrotoluene	10.151	165	385563	57.700	ng		93
58) Fluorene	10.516	166	1127743	42.608	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	320598	60.232	ng		95
60) Diethylphthalate	10.386	149	1211721	51.408	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	574557	44.926	ng		99
62) 4-Nitroaniline	10.533	138	259978	49.862	ng		99
63) Azobenzene	10.663	77	1244847	46.237	ng		99
65) 4,6-Dinitro-2-methylph...	10.563	198	86082	32.058	ng		96
66) n-Nitrosodiphenylamine	10.621	169	1017180	42.418	ng		99
67) 4-Bromophenyl-phenylether	10.998	248	381196	45.768	ng		96
68) Hexachlorobenzene	11.068	284	398986	44.442	ng		99
69) Atrazine	11.151	200	344621	55.100	ng		99
70) Pentachlorophenol	11.263	266	311192	71.495	ng		97
71) Phenanthrene	11.480	178	1650708	41.545	ng		100
72) Anthracene	11.533	178	1688773	41.910	ng		100
73) Carbazole	11.680	167	1498273	43.659	ng		99
74) Di-n-butylphthalate	12.010	149	1871467	64.445	ng		100
75) Fluoranthene	12.668	202	1653782	47.516	ng		99
77) Benzidine	12.780	184	373423	30.945	ng		98
78) Pyrene	12.898	202	1636811	44.203	ng		99
80) Butylbenzylphthalate	13.504	149	668498	88.330	ng		98
81) Benzo(a)anthracene	14.080	228	1300837	46.367	ng		99
82) 3,3'-Dichlorobenzidine	14.039	252	214137	28.267	ng		99
83) Chrysene	14.121	228	1106187	42.286	ng		100
84) Bis(2-ethylhexyl)phtha...	14.062	149	890608	79.859	ng		97
85) Di-n-octyl phthalate	14.674	149	1175571	53.997	ng		96
87) Indeno(1,2,3-cd)pyrene	17.103	276	1183642	43.131	ng		99
88) Benzo(b)fluoranthene	15.145	252	988780	47.195	ng		99
89) Benzo(k)fluoranthene	15.174	252	1002581	49.248	ng		99
90) Benzo(a)pyrene	15.521	252	943392	47.809	ng		99
91) Dibenzo(a,h)anthracene	17.115	278	963087	43.929	ng		99
92) Benzo(g,h,i)perylene	17.562	276	894949	40.522	ng		99

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

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