Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142864.D
Acq On : 26 Jun 2025 13:08
Operator : RC/JU
Sample : Q2405-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Jun 26 13:37:12 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
MH-M/HMS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 06/27/2025
Supervised By :Jagrut Upadhyay 06/27/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	78123	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	300782	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	162721	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	278939	20.000	ng	0.00
76) Chrysene-d12	14.051	240	142792	20.000	ng	0.00
86) Perylene-d12	15.545	264	167813	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	432932	92.265	ng	0.00
7) Phenol-d6	6.510	99	528641	95.492	ng	0.00
23) Nitrobenzene-d5	7.440	82	317580	57.914	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	170034	101.543	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	678348	54.764	ng	0.00
79) Terphenyl-d14	12.992	244	597977	57.862	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.705	88	70208	37.408	ng	99
3) Pyridine	3.463	79	190484	40.485	ng	99
4) n-Nitrosodimethylamine	3.422	42	105322	43.288	ng	100
6) Aniline	6.540	93	223451	30.335	ng	94
8) 2-Chlorophenol	6.663	128	229060	45.254	ng	98
9) Benzaldehyde	6.428	77	131752	40.115	ng	99
10) Phenol	6.522	94	269982	43.874	ng	96
11) bis(2-Chloroethyl)ether	6.610	93	197829	44.981	ng	99
12) 1,3-Dichlorobenzene	6.816	146	246889	43.613	ng	100
13) 1,4-Dichlorobenzene	6.893	146	247385	43.315	ng	98
14) 1,2-Dichlorobenzene	7.046	146	242521	44.769	ng	100
15) Benzyl Alcohol	7.016	79	184663	46.141	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	299358	42.365	ng	96
17) 2-Methylphenol	7.134	107	173752	45.298	ng	97
18) Hexachloroethane	7.387	117	87916	44.009	ng	98
19) n-Nitroso-di-n-propyla...	7.287	70	145618	45.227	ng	99
20) 3+4-Methylphenols	7.287	107	220140	46.030	ng	95
22) Acetophenone	7.287	105	294865	44.456	ng	99
24) Nitrobenzene	7.457	77	220874	44.502	ng	99
25) Isophorone	7.698	82	392916	44.667	ng	99
26) 2-Nitrophenol	7.775	139	128662	47.588	ng	100
27) 2,4-Dimethylphenol	7.816	122	211169	45.091	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	250083	44.718	ng	100
29) 2,4-Dichlorophenol	8.022	162	195107	45.947	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	206562	44.238	ng	99
31) Naphthalene	8.181	128	652338	44.308	ng	100
32) Benzoic acid	7.934	122	114754	48.075	ng	95
33) 4-Chloroaniline	8.228	127	90458	15.110	ng	100
34) Hexachlorobutadiene	8.298	225	126330	44.231	ng	99
35) Caprolactam	8.610	113	60577m	54.061	ng	
36) 4-Chloro-3-methylphenol	8.716	107	197697	46.845	ng	100
37) 2-Methylnaphthalene	8.875	142	409808	44.898	ng	100
38) 1-Methylnaphthalene	8.975	142	426540	45.142	ng	100
40) 1,2,4,5-Tetrachloroben...	9.040	216	209049	43.540	ng	99
41) Hexachlorocyclopentadiene	9.028	237	230934	84.756	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	139898	44.715	ng	99

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44) 2,4,5-Trichlorophenol	9.198	196	149126	45.279	ng	99
46) 1,1'-Biphenyl	9.339	154	562272	43.743	ng	100
47) 2-Chloronaphthalene	9.363	162	419378	43.477	ng	99
48) 2-Nitroaniline	9.463	65	126186	46.661	ng	95
49) Acenaphthylene	9.781	152	703885	44.327	ng	100
50) Dimethylphthalate	9.639	163	501762	47.637	ng	99
51) 2,6-Dinitrotoluene	9.704	165	110420	47.736	ng	99
52) Acenaphthene	9.957	154	480493m	49.594	ng	
53) 3-Nitroaniline	9.875	138	68421	26.866	ng	97
54) 2,4-Dinitrophenol	9.987	184	120023	103.626	ng	95
55) Dibenzofuran	10.128	168	619682	44.604	ng	100
56) 4-Nitrophenol	10.039	139	168555	96.674	ng	96
57) 2,4-Dinitrotoluene	10.110	165	154520	50.291	ng	98
58) Fluorene	10.469	166	494146	45.543	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	123741	46.611	ng	98
60) Diethylphthalate	10.339	149	506743	49.068	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	236415	45.662	ng	99
62) 4-Nitroaniline	10.492	138	117853	50.598	ng	98
63) Azobenzene	10.622	77	481242	52.137	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	80461	47.689	ng	98
66) n-Nitrosodiphenylamine	10.581	169	426737	44.142	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	147007	46.307	ng	97
68) Hexachlorobenzene	11.022	284	159064	45.093	ng	97
69) Atrazine	11.110	200	136603	54.720	ng	99
70) Pentachlorophenol	11.216	266	158413	90.122	ng	99
71) Phenanthrene	11.433	178	683957	45.265	ng	100
72) Anthracene	11.486	178	693781	44.769	ng	99
73) Carbazole	11.639	167	612754	45.820	ng	100
74) Di-n-butylphthalate	11.969	149	759930	54.548	ng	100
75) Fluoranthene	12.622	202	629705	43.912	ng	100
77) Benzidine	12.745	184	224161	41.783	ng	99
78) Pyrene	12.851	202	604275	45.147	ng	99
80) Butylbenzylphthalate	13.469	149	223418	57.545	ng	96
81) Benzo(a)anthracene	14.045	228	449845	46.699	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	59209	18.950	ng	97
83) Chrysene	14.080	228	392625	45.677	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	281077	50.318	ng	100
85) Di-n-octyl phthalate	14.639	149	447818	42.515	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	435619	34.080	ng	98
88) Benzo(b)fluoranthene	15.104	252	470660	48.470	ng	99
89) Benzo(k)fluoranthene	15.139	252	409496	45.075	ng	99
90) Benzo(a)pyrene	15.480	252	441034	47.014	ng	100
91) Dibenzo(a,h)anthracene	17.068	278	356663	34.342	ng	100
92) Benzo(g,h,i)perylene	17.510	276	318928	30.796	ng	99

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

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