Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142873.D
Acq On : 26 Jun 2025 17:36
Operator : RC/JU
Sample : Q2416-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-G/HMSD

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

Quant Time: Jun 26 18:00:13 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	79872	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	303973	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	162686	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	266635	20.000	ng	0.00
76) Chrysene-d12	14.057	240	149914	20.000	ng	0.00
86) Perylene-d12	15.545	264	166770	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	353823	73.754	ng	0.00
7) Phenol-d6	6.504	99	430468	76.056	ng	0.00
23) Nitrobenzene-d5	7.439	82	256260	46.241	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	118414	70.731	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	570630	46.078	ng	0.00
79) Terphenyl-d14	12.992	244	491190	45.271	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.704	88	72253	37.655	ng	99
3) Pyridine	3.463	79	192052	39.924	ng	98
4) n-Nitrosodimethylamine	3.422	42	105561	42.436	ng	100
6) Aniline	6.539	93	153002	20.316	ng	94
8) 2-Chlorophenol	6.663	128	223617	43.211	ng	97
9) Benzaldehyde	6.428	77	98497	29.333	ng	99
10) Phenol	6.522	94	261112	41.503	ng	98
11) bis(2-Chloroethyl)ether	6.610	93	192545	42.820	ng	98
12) 1,3-Dichlorobenzene	6.816	146	248816	42.991	ng	99
13) 1,4-Dichlorobenzene	6.892	146	246549	42.223	ng	99
14) 1,2-Dichlorobenzene	7.045	146	234603	42.359	ng	99
15) Benzyl Alcohol	7.016	79	179726	43.924	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	295841	40.950	ng	97
17) 2-Methylphenol	7.134	107	170832	43.561	ng	98
18) Hexachloroethane	7.386	117	87263	42.726	ng	96
19) n-Nitroso-di-n-propyla...	7.287	70	144735	43.968	ng	98
20) 3+4-Methylphenols	7.287	107	214697	43.909	ng	93
22) Acetophenone	7.287	105	291908	43.548	ng	99
24) Nitrobenzene	7.457	77	216652	43.193	ng	99
25) Isophorone	7.698	82	385197	43.330	ng	100
26) 2-Nitrophenol	7.775	139	123240	45.104	ng	99
27) 2,4-Dimethylphenol	7.816	122	205547	43.429	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	245774	43.486	ng	100
29) 2,4-Dichlorophenol	8.022	162	187709	43.741	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	201446	42.689	ng	99
31) Naphthalene	8.181	128	641542	43.117	ng	100
32) Benzoic acid	7.898	122	40191m	16.661	ng	
33) 4-Chloroaniline	8.228	127	65208	10.778	ng	99
34) Hexachlorobutadiene	8.298	225	123483	42.780	ng	99
35) Caprolactam	8.604	113	54934m	48.511	ng	
36) 4-Chloro-3-methylphenol	8.722	107	192957	45.242	ng	99
37) 2-Methylnaphthalene	8.875	142	400102	43.374	ng	99
38) 1-Methylnaphthalene	8.975	142	417561	43.728	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	203848	42.465	ng	99
41) Hexachlorocyclopentadiene	9.028	237	211937	77.801	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	129432	41.378	ng	98

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44) 2,4,5-Trichlorophenol	9.198	196	139865	42.476	ng	99
46) 1,1'-Biphenyl	9.339	154	554149	43.120	ng	100
47) 2-Chloronaphthalene	9.363	162	408195	42.326	ng	99
48) 2-Nitroaniline	9.463	65	123605	45.716	ng	98
49) Acenaphthylene	9.780	152	679858	42.823	ng	100
50) Dimethylphthalate	9.639	163	476574	45.255	ng	99
51) 2,6-Dinitrotoluene	9.704	165	105606	45.665	ng	97
52) Acenaphthene	9.951	154	402790	41.583	ng	99
53) 3-Nitroaniline	9.869	138	55907	21.957	ng	99
54) 2,4-Dinitrophenol	9.980	184	26118	22.555	ng	96
55) Dibenzofuran	10.127	168	595071	42.842	ng	99
56) 4-Nitrophenol	10.039	139	142376	81.677	ng	99
57) 2,4-Dinitrotoluene	10.110	165	140900	45.868	ng	98
58) Fluorene	10.469	166	465440	42.906	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	104527	39.382	ng	96
60) Diethylphthalate	10.339	149	474099	45.917	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	221765	42.841	ng	98
62) 4-Nitroaniline	10.486	138	102550	44.037	ng	99
63) Azobenzene	10.622	77	439695	47.647	ng	94
65) 4,6-Dinitro-2-methylph...	10.516	198	28654	17.767	ng	89
66) n-Nitrosodiphenylamine	10.580	169	406412	43.980	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	135921	44.791	ng	98
68) Hexachlorobenzene	11.016	284	146346	43.402	ng	98
69) Atrazine	11.104	200	126023	52.811	ng	99
70) Pentachlorophenol	11.216	266	91245	54.305	ng	98
71) Phenanthrene	11.433	178	626087	43.347	ng	99
72) Anthracene	11.486	178	641967	43.337	ng	99
73) Carbazole	11.639	167	558878	43.720	ng	100
74) Di-n-butylphthalate	11.969	149	694109	52.122	ng	100
75) Fluoranthene	12.621	202	582494	42.494	ng	100
77) Benzidine	12.745	184	113001	20.063	ng	99
78) Pyrene	12.851	202	563776	40.121	ng	100
80) Butylbenzylphthalate	13.468	149	216670	53.156	ng	97
81) Benzo(a)anthracene	14.045	228	441721	43.677	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	33127	10.099	ng	99
83) Chrysene	14.080	228	394695	43.737	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	273853	46.696	ng	99
85) Di-n-octyl phthalate	14.639	149	446186	40.348	ng	99
87) Indeno(1,2,3-cd)pyrene	17.056	276	414638	32.642	ng	99
88) Benzo(b)fluoranthene	15.104	252	457199	47.378	ng	99
89) Benzo(k)fluoranthene	15.139	252	406991	45.079	ng	99
90) Benzo(a)pyrene	15.480	252	421307	45.192	ng	100
91) Dibenzo(a,h)anthracene	17.068	278	340353	32.976	ng	99
92) Benzo(g,h,i)perylene	17.509	276	303068	29.447	ng	98

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

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