Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062625\
Data File : BF142872.D
Acq On : 26 Jun 2025 17:06
Operator : RC/JU
Sample : Q2416-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 26 17:55:07 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-G/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	84939	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	322606	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	168684	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	277774	20.000	ng		0.00
76) Chrysene-d12	14.057	240	149832	20.000	ng		0.00
86) Perylene-d12	15.545	264	169288	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.499	112	368548	72.241	ng		0.00
7) Phenol-d6	6.510	99	452569	75.190	ng		0.00
23) Nitrobenzene-d5	7.440	82	264948	45.048	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	118654	68.354	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	594596	46.306	ng		0.00
79) Terphenyl-d14	12.992	244	492166	45.386	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	75520	37.010	ng		99
3) Pyridine	3.475	79	200163	39.128	ng		98
4) n-Nitrosodimethylamine	3.428	42	109742	41.485	ng		100
6) Aniline	6.534	93	141956	17.725	ng	#	64
8) 2-Chlorophenol	6.663	128	236259	42.931	ng		97
9) Benzaldehyde	6.428	77	103317	28.933	ng		99
10) Phenol	6.522	94	270018	40.358	ng		99
11) bis(2-Chloroethyl)ether	6.610	93	202495	42.347	ng		98
12) 1,3-Dichlorobenzene	6.816	146	252822	41.078	ng		100
13) 1,4-Dichlorobenzene	6.893	146	256590	41.321	ng		98
14) 1,2-Dichlorobenzene	7.045	146	246807	41.904	ng		99
15) Benzyl Alcohol	7.016	79	187301	43.045	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	307769	40.060	ng		96
17) 2-Methylphenol	7.134	107	178002	42.682	ng		97
18) Hexachloroethane	7.387	117	91410	42.086	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	147385	42.102	ng		99
20) 3+4-Methylphenols	7.287	107	224246	43.126	ng		92
22) Acetophenone	7.287	105	303127	42.610	ng		100
24) Nitrobenzene	7.457	77	224541	42.181	ng		99
25) Isophorone	7.698	82	398638	42.252	ng		100
26) 2-Nitrophenol	7.775	139	129615	44.697	ng		100
27) 2,4-Dimethylphenol	7.816	122	213196	42.444	ng		100
28) bis(2-Chloroethoxy)met...	7.910	93	254428	42.417	ng		99
29) 2,4-Dichlorophenol	8.022	162	194624	42.732	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	211641	42.259	ng		99
31) Naphthalene	8.181	128	665091	42.118	ng		100
32) Benzoic acid	7.945	122	9532m	3.723	ng		
33) 4-Chloroaniline	8.228	127	64699	10.076	ng		99
34) Hexachlorobutadiene	8.298	225	129077	42.135	ng		99
35) Caprolactam	8.598	113	56655	47.141	ng		98
36) 4-Chloro-3-methylphenol	8.722	107	196647	43.444	ng		99
37) 2-Methylnaphthalene	8.875	142	415487	42.441	ng		100
38) 1-Methylnaphthalene	8.975	142	431940	42.621	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	210801	42.352	ng		99
41) Hexachlorocyclopentadiene	9.028	237	213156	75.466	ng		100
43) 2,4,6-Trichlorophenol	9.157	196	133635	41.203	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	144794	42.410	ng	99
46) 1,1'-Biphenyl	9.339	154	569189	42.716	ng	100
47) 2-Chloronaphthalene	9.363	162	422954	42.297	ng	99
48) 2-Nitroaniline	9.463	65	125588	44.798	ng	97
49) Acenaphthylene	9.781	152	696714	42.324	ng	100
50) Dimethylphthalate	9.639	163	487508	44.648	ng	99
51) 2,6-Dinitrotoluene	9.704	165	107851	44.977	ng	99
52) Acenaphthene	9.957	154	407163	40.540	ng	100
53) 3-Nitroaniline	9.875	138	56933	21.565	ng	95
54) 2,4-Dinitrophenol	9.986	184	8668	7.219	ng	98
55) Dibenzofuran	10.128	168	606151	42.088	ng	100
56) 4-Nitrophenol	10.039	139	139115	76.968	ng	98
57) 2,4-Dinitrotoluene	10.110	165	145344	45.632	ng	98
58) Fluorene	10.469	166	481247	42.786	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	100236	36.423	ng	96
60) Diethylphthalate	10.339	149	482804	45.097	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	228951	42.657	ng	97
62) 4-Nitroaniline	10.486	138	105685	43.770	ng	99
63) Azobenzene	10.622	77	448091	46.830	ng	95
65) 4,6-Dinitro-2-methylph...	10.522	198	15266	9.086	ng	98
66) n-Nitrosodiphenylamine	10.581	169	417738	43.392	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	138997	43.968	ng	97
68) Hexachlorobenzene	11.022	284	152901	43.527	ng	97
69) Atrazine	11.104	200	129985	52.287	ng	99
70) Pentachlorophenol	11.216	266	62719	35.831	ng	99
71) Phenanthrene	11.433	178	641833	42.655	ng	100
72) Anthracene	11.486	178	661106	42.840	ng	99
73) Carbazole	11.639	167	572688	43.003	ng	100
74) Di-n-butylphthalate	11.969	149	694376	50.051	ng	100
75) Fluoranthene	12.622	202	573671	40.172	ng	99
77) Benzidine	12.745	184	104673	18.594	ng	99
78) Pyrene	12.851	202	568445	40.475	ng	100
80) Butylbenzylphthalate	13.469	149	214111	52.557	ng	96
81) Benzo(a)anthracene	14.045	228	435462	43.082	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	33545	10.232	ng	99
83) Chrysene	14.080	228	380789	42.219	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	267213	45.588	ng	99
85) Di-n-octyl phthalate	14.639	149	433996	39.267	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	381609	29.595	ng	99
88) Benzo(b)fluoranthene	15.104	252	456106	46.562	ng	100
89) Benzo(k)fluoranthene	15.133	252	396508	43.265	ng	99
90) Benzo(a)pyrene	15.480	252	415232	43.878	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	312079	29.787	ng	98
92) Benzo(g,h,i)perylene	17.509	276	278882	26.694	ng	98

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

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