Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
Data File : BF142913.D
Acq On : 30 Jun 2025 12:47
Operator : RC/JU
Sample : Q2430-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MH-E/FMS

Quant Time: Jun 30 13:17:46 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	6.881	152	102164	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	396361	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	224033	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	406521	20.000	ng		0.00
76) Chrysene-d12	14.063	240	254962	20.000	ng		0.00
86) Perylene-d12	15.551	264	269034	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	544275	88.698	ng		0.03
7) Phenol-d6	6.516	99	667050	92.139	ng		0.00
23) Nitrobenzene-d5	7.445	82	414683	57.386	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	232524	100.858	ng		0.00
45) 2-Fluorobiphenyl	9.239	172	901282	52.849	ng		0.00
79) Terphenyl-d14	12.998	244	1005076	54.468	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	92264	37.592	ng		99
3) Pyridine	3.563	79	249078	40.481	ng		98
4) n-Nitrosodimethylamine	3.534	42	134543	42.285	ng		98
6) Aniline	6.546	93	227877	23.656	ng	#	75
8) 2-Chlorophenol	6.669	128	296214	44.750	ng		98
9) Benzaldehyde	6.434	77	125379	29.191	ng		99
10) Phenol	6.534	94	335647	41.709	ng		87
11) bis(2-Chloroethyl)ether	6.616	93	250676	43.584	ng		97
12) 1,3-Dichlorobenzene	6.822	146	318500	43.024	ng		99
13) 1,4-Dichlorobenzene	6.898	146	316500	42.376	ng		99
14) 1,2-Dichlorobenzene	7.051	146	302388	42.685	ng		99
15) Benzyl Alcohol	7.028	79	242006	46.240	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	368443	39.872	ng		74
17) 2-Methylphenol	7.140	107	226948	45.243	ng		95
18) Hexachloroethane	7.387	117	113729	43.534	ng		100
19) n-Nitroso-di-n-propyla...	7.298	70	192913	45.816	ng		96
20) 3+4-Methylphenols	7.293	107	280186	44.799	ng		98
22) Acetophenone	7.293	105	384037	43.938	ng		99
24) Nitrobenzene	7.463	77	282752	43.232	ng		99
25) Isophorone	7.704	82	519185	44.789	ng		100
26) 2-Nitrophenol	7.781	139	166055	46.608	ng		99
27) 2,4-Dimethylphenol	7.822	122	271853	44.051	ng		98
28) bis(2-Chloroethoxy)met...	7.910	93	326480	44.301	ng		99
29) 2,4-Dichlorophenol	8.022	162	251001	44.856	ng		99
30) 1,2,4-Trichlorobenzene	8.104	180	264414	42.972	ng		99
31) Naphthalene	8.187	128	840542	43.324	ng		100
32) Benzoic acid	7.945	122	100803	32.047	ng		95
33) 4-Chloroaniline	8.234	127	73161	9.274	ng		99
34) Hexachlorobutadiene	8.298	225	164970	43.831	ng		98
35) Caprolactam	8.622	113	76025m	51.487	ng		
36) 4-Chloro-3-methylphenol	8.728	107	264272	47.520	ng		99
37) 2-Methylnaphthalene	8.875	142	535113	44.489	ng		98
38) 1-Methylnaphthalene	8.975	142	555672	44.628	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	271505	41.072	ng		99
41) Hexachlorocyclopentadiene	9.028	237	284949	75.960	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	185383	43.037	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	195355	43.082	ng	99
46) 1,1'-Biphenyl	9.345	154	739684	41.796	ng	100
47) 2-Chloronaphthalene	9.369	162	547697	41.240	ng	99
48) 2-Nitroaniline	9.469	65	165967	44.575	ng	94
49) Acenaphthylene	9.787	152	924571	42.290	ng	99
50) Dimethylphthalate	9.645	163	673489	46.442	ng	99
51) 2,6-Dinitrotoluene	9.710	165	149679	46.999	ng	99
52) Acenaphthene	9.957	154	582777	43.690	ng	99
53) 3-Nitroaniline	9.881	138	84265	24.032	ng	97
54) 2,4-Dinitrophenol	9.992	184	89672	56.233	ng	96
55) Dibenzofuran	10.128	168	813055	42.507	ng	99
56) 4-Nitrophenol	10.051	139	239944	99.956	ng	94
57) 2,4-Dinitrotoluene	10.116	165	206156	48.734	ng	92
58) Fluorene	10.475	166	650722	43.560	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	166857	45.651	ng	97
60) Diethylphthalate	10.345	149	683724	48.086	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	308990	43.346	ng	99
62) 4-Nitroaniline	10.504	138	165408	51.580	ng	98
63) Azobenzene	10.622	77	609078	47.928	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	88058	35.812	ng	96
66) n-Nitrosodiphenylamine	10.586	169	579873	41.158	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	195701	42.299	ng	94
68) Hexachlorobenzene	11.022	284	216438	42.101	ng	99
69) Atrazine	11.116	200	195576	53.756	ng	99
70) Pentachlorophenol	11.222	266	208370	81.340	ng	99
71) Phenanthrene	11.439	178	935430	42.479	ng	99
72) Anthracene	11.492	178	959273	42.474	ng	99
73) Carbazole	11.645	167	907425	46.559	ng	99
74) Di-n-butylphthalate	11.969	149	1112189	54.778	ng	100
75) Fluoranthene	12.628	202	1007079	48.187	ng	99
77) Benzidine	12.745	184	255791	26.703	ng	100
78) Pyrene	12.857	202	1007355	42.151	ng	99
80) Butylbenzylphthalate	13.475	149	427208	61.625	ng	97
81) Benzo(a)anthracene	14.051	228	767013	44.594	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	73417	13.160	ng	97
83) Chrysene	14.086	228	673206	43.863	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	548324	54.975	ng	100
85) Di-n-octyl phthalate	14.645	149	794510	42.244	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	633989	30.938	ng	99
88) Benzo(b)fluoranthene	15.116	252	696579	44.746	ng	100
89) Benzo(k)fluoranthene	15.145	252	667147	45.806	ng	99
90) Benzo(a)pyrene	15.492	252	666285	44.303	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	527882	31.704	ng	98
92) Benzo(g,h,i)perylene	17.521	276	440277	26.518	ng	99

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

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