Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030625\
Data File : BF141875.D
Acq On : 06 Mar 2025 18:29
Operator : RC/JU
Sample : Q1492-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RHL1PXIMS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/07/2025
Supervised By :Jagrut Upadhyay 03/07/2025

Quant Time: Mar 07 00:19:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 28 01:48:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	160920	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	614399	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	327791	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	514725	20.000	ng	0.00
76) Chrysene-d12	14.045	240	396501	20.000	ng	0.00
86) Perylene-d12	15.521	264	380301	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1072286	106.415	ng	0.00
7) Phenol-d6	6.510	99	1361285	103.793	ng	0.00
23) Nitrobenzene-d5	7.445	82	886021	92.179	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	410304	133.330	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1698653	83.093	ng	0.00
79) Terphenyl-d14	12.992	244	1720119	70.189	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.716	88	192430	42.087	ng	95
3) Pyridine	3.487	79	451397	39.680	ng	95
4) n-Nitrosodimethylamine	3.428	42	227319	41.529	ng	98
6) Aniline	6.546	93	249408	18.292	ng	99
8) 2-Chlorophenol	6.669	128	497950	45.682	ng	95
9) Benzaldehyde	6.434	77	172839	22.656	ng	98
10) Phenol	6.522	94	596749	42.579	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	460201	43.078	ng	95
12) 1,3-Dichlorobenzene	6.828	146	522262	44.739	ng	100
13) 1,4-Dichlorobenzene	6.904	146	531499	45.188	ng	99
14) 1,2-Dichlorobenzene	7.057	146	510305	46.462	ng	98
15) Benzyl Alcohol	7.022	79	441512	42.122	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.157	45	562209	34.653	ng	95
17) 2-Methylphenol	7.134	107	394772	43.876	ng	99
18) Hexachloroethane	7.398	117	196768	44.696	ng	98
19) n-Nitroso-di-n-propyla...	7.293	70	337684	39.167	ng	98
20) 3+4-Methylphenols	7.281	107	501845	44.793	ng	95
22) Acetophenone	7.293	105	740981	49.518	ng	98
24) Nitrobenzene	7.463	77	518479	50.372	ng	99
25) Isophorone	7.704	82	918421	44.476	ng	98
26) 2-Nitrophenol	7.781	139	255193	54.789	ng	97
27) 2,4-Dimethylphenol	7.810	122	424429	55.914	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	553095	41.988	ng	99
29) 2,4-Dichlorophenol	8.016	162	405334	46.287	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	444064	46.277	ng	100
31) Naphthalene	8.187	128	1423827	45.090	ng	99
32) Benzoic acid	7.922	122	312587	49.124	ng	98
33) 4-Chloroaniline	8.234	127	94953	8.201	ng	98
34) Hexachlorobutadiene	8.304	225	285961	47.957	ng	99
35) Caprolactam	8.598	113	135693m	50.370	ng	
36) 4-Chloro-3-methylphenol	8.710	107	441335	45.368	ng	99
37) 2-Methylnaphthalene	8.881	142	900126	43.459	ng	99
38) 1-Methylnaphthalene	8.975	142	867480	43.649	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	500515	52.870	ng	99
41) Hexachlorocyclopentadiene	9.034	237	622167	157.478	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	298404	48.796	ng	100

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44) 2,4,5-Trichlorophenol	9.192	196	305173	50.396	ng		98
46) 1,1'-Biphenyl	9.339	154	1283855	51.457	ng		98
47) 2-Chloronaphthalene	9.369	162	870356	47.263	ng		99
48) 2-Nitroaniline	9.457	65	268692	52.825	ng		96
49) Acenaphthylene	9.781	152	1309470	47.427	ng		99
50) Dimethylphthalate	9.639	163	1031160	46.975	ng		100
51) 2,6-Dinitrotoluene	9.698	165	218829	51.868	ng		96
52) Acenaphthene	9.957	154	946830	50.823	ng		98
53) 3-Nitroaniline	9.869	138	111967	26.451	ng	#	93
54) 2,4-Dinitrophenol	9.975	184	182172	90.344	ng	#	1
55) Dibenzofuran	10.128	168	1220087	44.996	ng		100
56) 4-Nitrophenol	10.022	139	360637	111.235	ng		96
57) 2,4-Dinitrotoluene	10.104	165	284152	54.855	ng		91
58) Fluorene	10.469	166	940964	46.327	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	259856	49.341	ng		99
60) Diethylphthalate	10.339	149	1006514	45.738	ng		99
61) 4-Chlorophenyl-phenyle...	10.463	204	477960	46.967	ng		99
62) 4-Nitroaniline	10.481	138	171647	45.787	ng		96
63) Azobenzene	10.622	77	1016465	43.869	ng		95
65) 4,6-Dinitro-2-methylph...	10.504	198	111456	46.324	ng		95
66) n-Nitrosodiphenylamine	10.581	169	816711	48.321	ng		100
67) 4-Bromophenyl-phenylether	10.951	248	296950	49.391	ng		98
68) Hexachlorobenzene	11.016	284	323594	50.970	ng		98
69) Atrazine	11.104	200	307329	66.122	ng		100
70) Pentachlorophenol	11.204	266	407741	101.263	ng		99
71) Phenanthrene	11.433	178	1319085	47.910	ng		99
72) Anthracene	11.480	178	1309109	47.442	ng		99
73) Carbazole	11.633	167	1129474	46.352	ng		100
74) Di-n-butylphthalate	11.969	149	1383879	44.803	ng		99
75) Fluoranthene	12.616	202	1278363	45.313	ng		97
78) Pyrene	12.845	202	1307373	38.077	ng		100
80) Butylbenzylphthalate	13.469	149	543208	43.545	ng		97
81) Benzo(a)anthracene	14.039	228	1226272	46.823	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	13153	1.750	ng	#	85
83) Chrysene	14.074	228	1092883	45.269	ng		99
84) Bis(2-ethylhexyl)phtha...	14.027	149	710459	45.740	ng		99
85) Di-n-octyl phthalate	14.639	149	1223350	52.608	ng	#	95
87) Indeno(1,2,3-cd)pyrene	17.015	276	1141147	47.123	ng		95
88) Benzo(b)fluoranthene	15.092	252	1197920	46.243	ng		99
89) Benzo(k)fluoranthene	15.121	252	1126756	51.174	ng		99
90) Benzo(a)pyrene	15.463	252	1030329	49.594	ng		99
91) Dibenzo(a,h)anthracene	17.039	278	961619	48.648	ng		96
92) Benzo(g,h,i)perylene	17.468	276	851415	42.044	ng		95

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

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