Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030725\
Data File : BF141887.D
Acq On : 07 Mar 2025 11:29
Operator : RC/JU
Sample : Q1478-13MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
IDW-SO-COMP-022825MS

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/10/2025
Supervised By :Jagrut Upadhyay 03/10/2025

Quant Time: Mar 07 12:00:02 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	144619	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	567805	20.000	ng	#-0.01
39) Acenaphthene-d10	9.922	164	313240	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	556123	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	435055	20.000	ng	# 0.00
86) Perylene-d12	15.510	264	343670	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1275062	140.802	ng	0.02
7) Phenol-d6	6.510	99	1560117	132.361	ng	0.00
23) Nitrobenzene-d5	7.446	82	1035429	116.562	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	609898	207.395	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1992152	101.976	ng	0.00
79) Terphenyl-d14	12.992	244	2359942	87.763	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.828	88	155198	37.770	ng	# 81
3) Pyridine	3.552	79	259160	25.349	ng	94
4) n-Nitrosodimethylamine	3.475	42	184647	37.536	ng	97
6) Aniline	6.551	93	171617	14.005	ng	99
8) 2-Chlorophenol	6.669	128	435569	44.463	ng	95
9) Benzaldehyde	6.440	77	77748	11.340	ng	95
10) Phenol	6.522	94	503309	39.960	ng	93
11) bis(2-Chloroethyl)ether	6.622	93	371666	38.712	ng	96
12) 1,3-Dichlorobenzene	6.828	146	366082	34.895	ng	99
13) 1,4-Dichlorobenzene	6.904	146	371799	35.173	ng	99
14) 1,2-Dichlorobenzene	7.057	146	363877	36.864	ng	99
15) Benzyl Alcohol	7.022	79	396800	42.123	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	433387	29.724	ng	93
17) 2-Methylphenol	7.128	107	353469	43.714	ng	98
18) Hexachloroethane	7.398	117	133954	33.858	ng	96
19) n-Nitroso-di-n-propyla...	7.293	70	299109	38.604	ng	99
20) 3+4-Methylphenols	7.281	107	458586	45.545	ng	95
22) Acetophenone	7.293	105	642289	46.445	ng	98
24) Nitrobenzene	7.463	77	440948	46.355	ng	99
25) Isophorone	7.704	82	825864	43.275	ng	98
26) 2-Nitrophenol	7.781	139	221747	51.787	ng	97
27) 2,4-Dimethylphenol	7.810	122	378308	53.928	ng	96
28) bis(2-Chloroethoxy)met...	7.910	93	482066	39.599	ng	100
29) 2,4-Dichlorophenol	8.016	162	379620	46.908	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	358200	40.392	ng	99
31) Naphthalene	8.187	128	1190686	40.801	ng	99
32) Benzoic acid	7.916	122	243052	42.551	ng	99
33) 4-Chloroaniline	8.234	127	60449	5.649	ng	98
34) Hexachlorobutadiene	8.304	225	223239	40.510	ng	98
35) Caprolactam	8.592	113	116046m	46.612	ng	
36) 4-Chloro-3-methylphenol	8.710	107	434357	48.315	ng	99
37) 2-Methylnaphthalene	8.875	142	795823	41.576	ng	100
38) 1-Methylnaphthalene	8.975	142	781539	42.552	ng	100
40) 1,2,4,5-Tetrachloroben...	9.040	216	452153	49.980	ng	99
41) Hexachlorocyclopentadiene	9.028	237	543845	144.048	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	288971	49.449	ng	99

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44) 2,4,5-Trichlorophenol	9.192	196	307214	53.090	ng		98
46) 1,1'-Biphenyl	9.339	154	1178867	49.444	ng		98
47) 2-Chloronaphthalene	9.363	162	799418	45.428	ng		100
48) 2-Nitroaniline	9.457	65	262276	53.866	ng		96
49) Acenaphthylene	9.781	152	1283508	48.647	ng		100
50) Dimethylphthalate	9.639	163	1019741	48.612	ng		99
51) 2,6-Dinitrotoluene	9.698	165	221458	54.763	ng		96
52) Acenaphthene	9.951	154	963187	54.103	ng		99
53) 3-Nitroaniline	9.863	138	73385	19.074	ng	#	96
54) 2,4-Dinitrophenol	9.975	184	264098	121.668	ng	#	1
55) Dibenzofuran	10.128	168	1164925	44.957	ng		99
56) 4-Nitrophenol	10.028	139	371749	119.989	ng		93
57) 2,4-Dinitrotoluene	10.104	165	307024	61.563	ng		94
58) Fluorene	10.469	166	932790	48.058	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	270250	53.698	ng		99
60) Diethylphthalate	10.339	149	992053	47.175	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	467270	48.049	ng		98
62) 4-Nitroaniline	10.481	138	218738	61.060	ng		95
63) Azobenzene	10.622	77	916211	41.379	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	170000	62.051	ng		90
66) n-Nitrosodiphenylamine	10.575	169	808274	44.262	ng		100
67) 4-Bromophenyl-phenylether	10.951	248	301247	46.376	ng		97
68) Hexachlorobenzene	11.016	284	344761	50.262	ng		95
69) Atrazine	11.104	200	310084	61.748	ng		99
70) Pentachlorophenol	11.204	266	467144	107.379	ng		99
71) Phenanthrene	11.428	178	1423703	47.860	ng		99
72) Anthracene	11.481	178	1463911	49.103	ng		99
73) Carbazole	11.633	167	1292951	49.111	ng		100
74) Di-n-butylphthalate	11.963	149	1517925	45.485	ng		100
75) Fluoranthene	12.616	202	1558398	51.127	ng		97
77) Benzidine	12.739	184	83121	15.180	ng	#	38
78) Pyrene	12.845	202	1580372	41.950	ng		99
80) Butylbenzylphthalate	13.463	149	636995	46.538	ng		96
81) Benzo(a)anthracene	14.033	228	1383197	48.134	ng		99
82) 3,3'-Dichlorobenzidine	13.992	252	181968	22.071	ng		99
83) Chrysene	14.069	228	1222618	46.155	ng		99
84) Bis(2-ethylhexyl)phtha...	14.022	149	809701	47.509	ng		100
85) Di-n-octyl phthalate	14.633	149	1170567	45.877	ng	#	95
87) Indeno(1,2,3-cd)pyrene	17.004	276	1137163	51.964	ng	#	94
88) Benzo(b)fluoranthene	15.080	252	1121801	47.920	ng		98
89) Benzo(k)fluoranthene	15.110	252	882903	44.373	ng		98
90) Benzo(a)pyrene	15.451	252	933380	49.716	ng		98
91) Dibenzo(a,h)anthracene	17.021	278	919901	51.498	ng	#	95
92) Benzo(g,h,i)perylene	17.457	276	892265	48.758	ng	#	94

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

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