Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142168.D
Acq On : 28 Mar 2025 19:03
Operator : RC/JU
Sample : Q1657-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Mar 28 22:47:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
72-11998MS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	140909	20.000	ng		-0.01
21) Naphthalene-d8	8.157	136	532413	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	271504	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	390845	20.000	ng		0.00
76) Chrysene-d12	14.039	240	301779	20.000	ng		0.00
86) Perylene-d12	15.510	264	238105	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	683386	80.942	ng		0.00
7) Phenol-d6	6.498	99	904288	84.122	ng		0.00
23) Nitrobenzene-d5	7.434	82	580244	61.332	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	258592	75.076	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1113962	62.398	ng		-0.01
79) Terphenyl-d14	12.980	244	1039486	50.926	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.705	88	142736	40.348	ng		96
3) Pyridine	3.457	79	382502	44.080	ng		97
4) n-Nitrosodimethylamine	3.416	42	180537	43.645	ng		93
6) Aniline	6.534	93	178470	16.830	ng		94
8) 2-Chlorophenol	6.657	128	462208	49.361	ng		97
9) Benzaldehyde	6.422	77	287075	47.750	ng		97
10) Phenol	6.516	94	514573	45.501	ng		100
11) bis(2-Chloroethyl)ether	6.604	93	392487	46.220	ng		98
12) 1,3-Dichlorobenzene	6.810	146	495449	49.009	ng		99
13) 1,4-Dichlorobenzene	6.887	146	501330	49.013	ng		99
14) 1,2-Dichlorobenzene	7.040	146	478114	49.627	ng		99
15) Benzyl Alcohol	7.010	79	394672	45.414	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	438745	42.797	ng		95
17) 2-Methylphenol	7.122	107	356449	47.876	ng		99
18) Hexachloroethane	7.381	117	184662	48.145	ng		97
19) n-Nitroso-di-n-propyla...	7.287	70	294856	42.688	ng		98
20) 3+4-Methylphenols	7.275	107	443994	46.558	ng	#	80
22) Acetophenone	7.281	105	599168	46.993	ng		97
24) Nitrobenzene	7.457	77	455161	48.395	ng		97
25) Isophorone	7.692	82	823675	49.253	ng		99
26) 2-Nitrophenol	7.769	139	238328	51.630	ng		99
27) 2,4-Dimethylphenol	7.804	122	407786	64.156	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	501823	47.842	ng		99
29) 2,4-Dichlorophenol	8.010	162	376286	47.695	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	429510	49.401	ng		100
31) Naphthalene	8.175	128	1276760	46.684	ng		100
32) Benzoic acid	7.904	122	31179	5.580	ng		97
33) 4-Chloroaniline	8.222	127	68701	7.116	ng		97
34) Hexachlorobutadiene	8.292	225	297645	52.494	ng		99
35) Caprolactam	8.592	113	95005m	39.498	ng		
36) 4-Chloro-3-methylphenol	8.710	107	391029	44.432	ng		98
37) 2-Methylnaphthalene	8.869	142	776906	42.499	ng		100
38) 1-Methylnaphthalene	8.969	142	855242	48.482	ng		100
40) 1,2,4,5-Tetrachloroben...	9.034	216	444625	53.788	ng		99
41) Hexachlorocyclopentadiene	9.022	237	328679	101.599	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	268187	49.643	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.187	196	280235	51.218	ng		98
46)	1,1'-Biphenyl	9.334	154	1132572	54.901	ng		99
47)	2-Chloronaphthalene	9.357	162	787727	51.231	ng		98
48)	2-Nitroaniline	9.451	65	220864	49.610	ng		96
49)	Acenaphthylene	9.775	152	1197738	52.492	ng		100
50)	Dimethylphthalate	9.634	163	964035	50.705	ng		100
51)	2,6-Dinitrotoluene	9.698	165	203019	51.285	ng		90
52)	Acenaphthene	9.945	154	1026073	63.990	ng		99
53)	3-Nitroaniline	9.863	138	85584	21.313	ng		97
54)	2,4-Dinitrophenol	9.969	184	45184	25.012	ng	#	57
55)	Dibenzofuran	10.116	168	1341840	58.564	ng		99
56)	4-Nitrophenol	10.022	139	258354	85.316	ng		97
57)	2,4-Dinitrotoluene	10.098	165	267559	51.748	ng		98
58)	Fluorene	10.463	166	1102801	62.414	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.234	232	207462	41.669	ng		96
60)	Diethylphthalate	10.328	149	904966	47.735	ng		100
61)	4-Chlorophenyl-phenyle...	10.451	204	444921	48.299	ng		97
62)	4-Nitroaniline	10.475	138	161487	41.308	ng		98
63)	Azobenzene	10.610	77	783018	44.425	ng		92
65)	4,6-Dinitro-2-methylph...	10.504	198	53812	23.095	ng		99
66)	n-Nitrosodiphenylamine	10.569	169	708804	56.041	ng		99
67)	4-Bromophenyl-phenylether	10.939	248	272646	55.545	ng		97
68)	Hexachlorobenzene	11.010	284	291070	54.066	ng		93
69)	Atrazine	11.098	200	246692	63.624	ng		98
70)	Pentachlorophenol	11.204	266	246750	74.390	ng		99
71)	Phenanthrene	11.428	178	2269451	107.502	ng		100
72)	Anthracene	11.475	178	1228097	57.985	ng		100
73)	Carbazole	11.628	167	907178	49.666	ng		100
74)	Di-n-butylphthalate	11.957	149	1219878	50.333	ng		100
75)	Fluoranthene	12.616	202	1668748	74.519	ng		99
77)	Benzidine	12.733	184	330075	78.395	ng		99
78)	Pyrene	12.845	202	1503337	57.590	ng		99
80)	Butylbenzylphthalate	13.457	149	471258	46.124	ng		98
81)	Benzo(a)anthracene	14.027	228	1143419	57.740	ng		99
82)	3,3'-Dichlorobenzidine	13.992	252	82696	14.450	ng		99
83)	Chrysene	14.069	228	1038293	57.842	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.010	149	686609	48.739	ng		100
85)	Di-n-octyl phthalate	14.627	149	1109975	56.628	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.010	276	768786	49.913	ng		97
88)	Benzo(b)fluoranthene	15.080	252	936890	57.412	ng		99
89)	Benzo(k)fluoranthene	15.110	252	737097	52.781	ng		99
90)	Benzo(a)pyrene	15.451	252	746382	58.454	ng		99
91)	Dibenzo(a,h)anthracene	17.021	278	614383	48.345	ng		98
92)	Benzo(g,h,i)perylene	17.457	276	597197	47.553	ng		97

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

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