Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
Data File : BF142087.D
Acq On : 25 Mar 2025 19:37
Operator : RC/JU
Sample : Q1627-01MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Mar 25 21:50:53 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 :
GRID-LINE-1.2-NORTHMSD

Manual Integrations APPROVED
Reviewed By :Anahy Claudio
03/26/2025
Supervised By :Jagrut Upadhyay
03/26/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	147582	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	576033	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	320833	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	519359	20.000	ng		0.00
76) Chrysene-d12	14.033	240	286436	20.000	ng		0.00
86) Perylene-d12	15.504	264	306276	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1272624	143.917	ng		0.02
7) Phenol-d6	6.510	99	1529391	135.840	ng		0.00
23) Nitrobenzene-d5	7.439	82	1101944	107.655	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	710416	174.541	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	2306482	109.332	ng		0.00
79) Terphenyl-d14	12.980	244	2283216	117.849	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.869	88	152888	41.264	ng	#	84
3) Pyridine	3.569	79	371564	40.883	ng		98
4) n-Nitrosodimethylamine	3.510	42	198756	45.877	ng		97
6) Aniline	6.539	93	203518	18.324	ng	#	78
8) 2-Chlorophenol	6.663	128	512313	52.238	ng		97
9) Benzaldehyde	6.428	77	203847	32.373	ng		99
10) Phenol	6.522	94	534367	45.115	ng		96
11) bis(2-Chloroethyl)ether	6.610	93	455495	51.214	ng		98
12) 1,3-Dichlorobenzene	6.816	146	483255	45.642	ng		99
13) 1,4-Dichlorobenzene	6.892	146	490090	45.748	ng		99
14) 1,2-Dichlorobenzene	7.045	146	475822	47.156	ng		98
15) Benzyl Alcohol	7.016	79	457196	50.230	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	456827	42.545	ng		94
17) 2-Methylphenol	7.128	107	410976	52.704	ng		98
18) Hexachloroethane	7.386	117	181574	45.199	ng		95
19) n-Nitroso-di-n-propyla...	7.292	70	340881	47.119	ng		98
20) 3+4-Methylphenols	7.281	107	510347	51.096	ng	#	84
22) Acetophenone	7.286	105	680001	49.295	ng		97
24) Nitrobenzene	7.457	77	513007	50.415	ng		97
25) Isophorone	7.698	82	968710	53.539	ng		99
26) 2-Nitrophenol	7.769	139	278309	55.726	ng		98
27) 2,4-Dimethylphenol	7.810	122	497284	72.313	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	572475	50.445	ng		99
29) 2,4-Dichlorophenol	8.010	162	463821	54.338	ng		100
30) 1,2,4-Trichlorobenzene	8.092	180	473289	50.314	ng		100
31) Naphthalene	8.180	128	1431482	48.377	ng		100
32) Benzoic acid	7.910	122	205050	33.921	ng		97
33) 4-Chloroaniline	8.222	127	88832	8.504	ng		97
34) Hexachlorobutadiene	8.292	225	308947	50.362	ng		99
35) Caprolactam	8.598	113	103649m	39.829	ng		
36) 4-Chloro-3-methylphenol	8.710	107	508260	53.379	ng		97
37) 2-Methylnaphthalene	8.869	142	924318	46.734	ng		99
38) 1-Methylnaphthalene	8.969	142	958054	50.197	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	542670	55.555	ng		99
41) Hexachlorocyclopentadiene	9.022	237	640147	167.454	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	374905	58.727	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.186	196	365263	56.494	ng		99
46)	1,1'-Biphenyl	9.333	154	1319010	54.108	ng		99
47)	2-Chloronaphthalene	9.357	162	995264	54.776	ng		99
48)	2-Nitroaniline	9.451	65	288428	54.825	ng		100
49)	Acenaphthylene	9.774	152	1559293	57.831	ng		100
50)	Dimethylphthalate	9.633	163	1224995	54.524	ng		100
51)	2,6-Dinitrotoluene	9.698	165	265102	56.672	ng		92
52)	Acenaphthene	9.945	154	1022453	53.960	ng		100
53)	3-Nitroaniline	9.863	138	113374	23.893	ng		100
54)	2,4-Dinitrophenol	9.969	184	104863	42.786	ng	#	51
55)	Dibenzofuran	10.116	168	1420103	52.451	ng		100
56)	4-Nitrophenol	10.027	139	314724	87.951	ng		95
57)	2,4-Dinitrotoluene	10.098	165	362742	59.371	ng		100
58)	Fluorene	10.463	166	1131216	54.179	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.233	232	325631	55.347	ng		96
60)	Diethylphthalate	10.333	149	1156487	51.623	ng		99
61)	4-Chlorophenyl-phenyle...	10.451	204	597660	54.904	ng		98
62)	4-Nitroaniline	10.480	138	224343	48.563	ng		98
63)	Azobenzene	10.610	77	1035418	49.713	ng		98
65)	4,6-Dinitro-2-methylph...	10.504	198	113032	36.508	ng		100
66)	n-Nitrosodiphenylamine	10.569	169	971153	57.784	ng		100
67)	4-Bromophenyl-phenylether	10.939	248	390550	59.877	ng		98
68)	Hexachlorobenzene	11.010	284	446783	62.454	ng		94
69)	Atrazine	11.098	200	324123	62.909	ng		99
70)	Pentachlorophenol	11.204	266	358787	81.401	ng		99
71)	Phenanthrene	11.421	178	1577629	56.239	ng		100
72)	Anthracene	11.474	178	1614204	57.356	ng		100
73)	Carbazole	11.627	167	1261459	51.973	ng		100
74)	Di-n-butylphthalate	11.957	149	1597049	49.589	ng		100
75)	Fluoranthene	12.610	202	1420422	47.734	ng		99
77)	Benzidine	12.727	184	84364	21.110	ng	#	87
78)	Pyrene	12.839	202	1371346	55.347	ng		99
80)	Butylbenzylphthalate	13.451	149	492103	50.744	ng		99
81)	Benzo(a)anthracene	14.021	228	1111333	59.126	ng		99
82)	3,3'-Dichlorobenzidine	13.986	252	113644	20.922	ng		99
83)	Chrysene	14.062	228	955678	56.091	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.009	149	649962	48.609	ng		99
85)	Di-n-octyl phthalate	14.621	149	1148175	61.714	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.998	276	1033087	52.143	ng		97
88)	Benzo(b)fluoranthene	15.074	252	1141038	54.359	ng		99
89)	Benzo(k)fluoranthene	15.104	252	945468	52.633	ng		99
90)	Benzo(a)pyrene	15.445	252	968916	58.992	ng		99
91)	Dibenzo(a,h)anthracene	17.015	278	840007	51.386	ng		98
92)	Benzo(g,h,i)perylene	17.445	276	773357	47.874	ng		98

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

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