Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032525\
Data File : BF142086.D
Acq On : 25 Mar 2025 19:08
Operator : RC/JU
Sample : Q1627-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GRID-LINE-1.2-NORTHMS

Manual Integrations APPROVED

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

Quant Time: Mar 25 21:49:49 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	146933	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	568677	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	316885	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	518084	20.000	ng		0.00
76) Chrysene-d12	14.033	240	312206	20.000	ng		0.00
86) Perylene-d12	15.504	264	310091	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1268309	144.063	ng		0.02
7) Phenol-d6	6.510	99	1509407	134.657	ng		0.00
23) Nitrobenzene-d5	7.439	82	1089492	107.815	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	720328	179.181	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	2259840	108.455	ng		0.00
79) Terphenyl-d14	12.980	244	2406993	113.983	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.863	88	151446	41.055	ng	#	84
3) Pyridine	3.563	79	366307	40.483	ng		97
4) n-Nitrosodimethylamine	3.504	42	196013	45.444	ng		95
6) Aniline	6.540	93	183049	16.554	ng	#	79
8) 2-Chlorophenol	6.663	128	509273	52.157	ng		97
9) Benzaldehyde	6.428	77	203274	32.425	ng		99
10) Phenol	6.522	94	529693	44.918	ng		96
11) bis(2-Chloroethyl)ether	6.610	93	448774	50.681	ng		98
12) 1,3-Dichlorobenzene	6.816	146	479092	45.448	ng		99
13) 1,4-Dichlorobenzene	6.892	146	488512	45.802	ng		99
14) 1,2-Dichlorobenzene	7.045	146	472132	46.997	ng		98
15) Benzyl Alcohol	7.016	79	449377	49.589	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	449981	42.093	ng		86
17) 2-Methylphenol	7.128	107	405943	52.289	ng		98
18) Hexachloroethane	7.386	117	178215	44.559	ng		95
19) n-Nitroso-di-n-propyla...	7.292	70	333411	46.290	ng		98
20) 3+4-Methylphenols	7.281	107	507226	51.008	ng	#	82
22) Acetophenone	7.287	105	672931	49.413	ng		98
24) Nitrobenzene	7.457	77	512957	51.062	ng		98
25) Isophorone	7.698	82	952044	53.298	ng		98
26) 2-Nitrophenol	7.769	139	278126	56.410	ng		99
27) 2,4-Dimethylphenol	7.804	122	483286	71.186	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	564703	50.404	ng		100
29) 2,4-Dichlorophenol	8.010	162	458791	54.444	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	470179	50.630	ng		98
31) Naphthalene	8.175	128	1422153	48.684	ng		100
32) Benzoic acid	7.886	122	75657	12.678	ng		95
33) 4-Chloroaniline	8.222	127	103216	10.009	ng		97
34) Hexachlorobutadiene	8.292	225	302949	50.023	ng		99
35) Caprolactam	8.598	113	98996m	38.533	ng		
36) 4-Chloro-3-methylphenol	8.710	107	498429	53.024	ng		97
37) 2-Methylnaphthalene	8.869	142	906891	46.446	ng		99
38) 1-Methylnaphthalene	8.969	142	951247	50.485	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	522066	54.112	ng		98
41) Hexachlorocyclopentadiene	9.022	237	642920	170.275	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	358467	56.852	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.186	196	379160	59.374	ng		98
46)	1,1'-Biphenyl	9.333	154	1300049	53.995	ng		99
47)	2-Chloronaphthalene	9.357	162	986031	54.944	ng		99
48)	2-Nitroaniline	9.451	65	287819	55.391	ng		99
49)	Acenaphthylene	9.775	152	1557783	58.494	ng		100
50)	Dimethylphthalate	9.633	163	1213224	54.673	ng		100
51)	2,6-Dinitrotoluene	9.698	165	263762	57.088	ng		92
52)	Acenaphthene	9.945	154	1015525	54.262	ng		100
53)	3-Nitroaniline	9.863	138	120897	25.796	ng		97
54)	2,4-Dinitrophenol	9.969	184	122940	49.557	ng	#	49
55)	Dibenzofuran	10.116	168	1404534	52.522	ng		100
56)	4-Nitrophenol	10.028	139	327646	92.703	ng		96
57)	2,4-Dinitrotoluene	10.098	165	361487	59.903	ng		100
58)	Fluorene	10.463	166	1119768	54.298	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.233	232	314773	54.168	ng		97
60)	Diethylphthalate	10.333	149	1147622	51.865	ng		99
61)	4-Chlorophenyl-phenyle...	10.451	204	591499	55.015	ng		97
62)	4-Nitroaniline	10.480	138	228701	50.123	ng		96
63)	Azobenzene	10.610	77	1019407	49.554	ng		98
65)	4,6-Dinitro-2-methylph...	10.504	198	125290	40.566	ng		98
66)	n-Nitrosodiphenylamine	10.569	169	968937	57.794	ng		100
67)	4-Bromophenyl-phenylether	10.939	248	384118	59.036	ng		99
68)	Hexachlorobenzene	11.010	284	439777	61.626	ng		94
69)	Atrazine	11.098	200	325948	63.419	ng		99
70)	Pentachlorophenol	11.204	266	348412	79.242	ng		100
71)	Phenanthrene	11.422	178	1589931	56.817	ng		100
72)	Anthracene	11.474	178	1604976	57.168	ng		100
73)	Carbazole	11.627	167	1290645	53.306	ng		100
74)	Di-n-butylphthalate	11.957	149	1624422	50.563	ng		99
75)	Fluoranthene	12.610	202	1487505	50.112	ng		99
77)	Benzidine	12.733	184	76495	17.561	ng	#	91
78)	Pyrene	12.839	202	1422899	52.688	ng		99
80)	Butylbenzylphthalate	13.451	149	522765	49.456	ng		99
81)	Benzo(a)anthracene	14.027	228	1164345	56.833	ng		100
82)	3,3'-Dichlorobenzidine	13.986	252	101558	17.154	ng		100
83)	Chrysene	14.063	228	1025756	55.235	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.010	149	706132	48.451	ng		100
85)	Di-n-octyl phthalate	14.621	149	1175417	57.964	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.998	276	1047831	52.237	ng		97
88)	Benzo(b)fluoranthene	15.074	252	1148776	54.054	ng		99
89)	Benzo(k)fluoranthene	15.104	252	989040	54.381	ng		100
90)	Benzo(a)pyrene	15.445	252	982295	59.071	ng		100
91)	Dibenzo(a,h)anthracene	17.015	278	843735	50.979	ng		98
92)	Benzo(g,h,i)perylene	17.445	276	795340	48.629	ng		98

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

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