Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031325\
Data File : BF141949.D
Acq On : 13 Mar 2025 19:11
Operator : RC/JU
Sample : Q1547-05MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-620-JB-COMP-01MS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/14/2025
Supervised By :Jagrut Upadhyay 03/14/2025

Quant Time: Mar 14 10:38:18 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

03/14/2025
Supervised By :Jagrut Upadhyay

03/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.881	152	178201	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	716759	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	406135	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	676623	20.000	ng		0.00
76) Chrysene-d12	14.033	240	396740	20.000	ng		0.00
86) Perylene-d12	15.504	264	392526	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1410939	132.143	ng		0.02
7) Phenol-d6	6.504	99	1660303	122.129	ng		0.00
23) Nitrobenzene-d5	7.439	82	1262549	99.128	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	831665	161.414	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	2671524	100.038	ng		0.00
79) Terphenyl-d14	12.980	244	2840169	105.839	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.904	88	178571	39.914	ng	#	85
3) Pyridine	3.599	79	413705	37.699	ng		99
4) n-Nitrosodimethylamine	3.528	42	216090	41.308	ng		99
6) Aniline	6.545	93	379444	28.293	ng		99
8) 2-Chlorophenol	6.663	128	541480	45.725	ng		100
9) Benzaldehyde	6.428	77	92111	12.115	ng		100
10) Phenol	6.522	94	561748	39.278	ng		98
11) bis(2-Chloroethyl)ether	6.616	93	483766	45.047	ng		99
12) 1,3-Dichlorobenzene	6.822	146	543636	42.522	ng		99
13) 1,4-Dichlorobenzene	6.898	146	552659	42.724	ng		99
14) 1,2-Dichlorobenzene	7.045	146	535020	43.912	ng		99
15) Benzyl Alcohol	7.016	79	504646	45.917	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	537688	41.472	ng		98
17) 2-Methylphenol	7.128	107	439951	46.726	ng		100
18) Hexachloroethane	7.392	117	202222	41.689	ng		95
19) n-Nitroso-di-n-propyla...	7.292	70	385148	44.091	ng		99
20) 3+4-Methylphenols	7.281	107	545605	45.240	ng	#	83
22) Acetophenone	7.287	105	832554	48.504	ng		97
24) Nitrobenzene	7.463	77	567339	44.808	ng		97
25) Isophorone	7.698	82	1065744	47.337	ng		99
26) 2-Nitrophenol	7.775	139	290754	46.788	ng		99
27) 2,4-Dimethylphenol	7.804	122	488664	57.108	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	626633	44.376	ng		100
29) 2,4-Dichlorophenol	8.010	162	492692	46.388	ng		100
30) 1,2,4-Trichlorobenzene	8.098	180	509835	43.558	ng		99
31) Naphthalene	8.181	128	1588460	43.143	ng		100
32) Benzoic acid	7.928	122	332575	44.215	ng		96
33) 4-Chloroaniline	8.222	127	172137	13.244	ng		99
34) Hexachlorobutadiene	8.298	225	339097	44.424	ng		99
35) Caprolactam	8.598	113	135387m	41.810	ng		
36) 4-Chloro-3-methylphenol	8.704	107	540467	45.617	ng		99
37) 2-Methylnaphthalene	8.869	142	1062768	43.184	ng		100
38) 1-Methylnaphthalene	8.969	142	1037875	43.703	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	638543	51.640	ng		98
41) Hexachlorocyclopentadiene	9.022	237	742522	153.438	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	394439	48.810	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	385346	47.082	ng		98
46) 1,1'-Biphenyl	9.333	154	1563301	50.660	ng		100
47) 2-Chloronaphthalene	9.363	162	1074999	46.738	ng		99
48) 2-Nitroaniline	9.451	65	320785	48.169	ng		99
49) Acenaphthylene	9.775	152	1666217	48.817	ng		100
50) Dimethylphthalate	9.639	163	1372905	48.273	ng		100
51) 2,6-Dinitrotoluene	9.698	165	286666	48.410	ng		93
52) Acenaphthene	9.945	154	1201710	50.100	ng		100
53) 3-Nitroaniline	9.863	138	160330	26.692	ng		100
54) 2,4-Dinitrophenol	9.969	184	256360	76.508	ng	#	52
55) Dibenzofuran	10.122	168	1526513	44.539	ng		99
56) 4-Nitrophenol	10.022	139	416999	92.056	ng		100
57) 2,4-Dinitrotoluene	10.098	165	391005	50.555	ng		99
58) Fluorene	10.463	166	1224045	46.311	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	340961	45.781	ng		99
60) Diethylphthalate	10.333	149	1295615	45.686	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	641782	46.574	ng		99
62) 4-Nitroaniline	10.480	138	267352	45.718	ng		99
63) Azobenzene	10.616	77	1168512	44.319	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	180192	44.672	ng		96
66) n-Nitrosodiphenylamine	10.575	169	1067239	48.742	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	416677	49.035	ng		96
68) Hexachlorobenzene	11.010	284	466176	50.019	ng		96
69) Atrazine	11.098	200	430509	64.137	ng		100
70) Pentachlorophenol	11.204	266	538855	93.840	ng		99
71) Phenanthrene	11.422	178	1748795	47.851	ng		99
72) Anthracene	11.474	178	1764021	48.111	ng		100
73) Carbazole	11.627	167	1474615	46.634	ng		100
74) Di-n-butylphthalate	11.957	149	1927602	45.942	ng		100
75) Fluoranthene	12.610	202	1680843	43.357	ng		100
77) Benzidine	12.727	184	385191	69.588	ng		99
78) Pyrene	12.839	202	1644928	47.931	ng		100
80) Butylbenzylphthalate	13.457	149	648052	48.246	ng		98
81) Benzo(a)anthracene	14.021	228	1307635	50.227	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	245567	32.640	ng		97
83) Chrysene	14.063	228	1096645	46.470	ng		100
84) Bis(2-ethylhexyl)phtha...	14.010	149	873666	47.173	ng		100
85) Di-n-octyl phthalate	14.627	149	1303961	50.602	ng		99
87) Indeno(1,2,3-cd)pyrene	16.992	276	1276550	50.274	ng		98
88) Benzo(b)fluoranthene	15.074	252	1145873	42.594	ng		99
89) Benzo(k)fluoranthene	15.104	252	1111581	48.283	ng		99
90) Benzo(a)pyrene	15.445	252	1073590	51.002	ng		99
91) Dibenzo(a,h)anthracene	17.009	278	1053561	50.289	ng		99
92) Benzo(g,h,i)perylene	17.439	276	933262	45.078	ng		99

03/14/2025
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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