Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031325\
Data File : BF141947.D
Acq On : 13 Mar 2025 18:13
Operator : RC/JU
Sample : Q1547-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

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

Manual Integrations APPROVED

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

Quant Time: Mar 13 18:31:52 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	168885	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	691920	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	387671	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	653706	20.000	ng	0.00
76) Chrysene-d12	14.033	240	386399	20.000	ng	0.00
86) Perylene-d12	15.504	264	377173	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1169473	115.570	ng	0.01
7) Phenol-d6	6.504	99	1471262	114.193	ng	0.00
23) Nitrobenzene-d5	7.440	82	982581	79.916	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	583669	118.677	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1958945	76.848	ng	0.00
79) Terphenyl-d14	12.980	244	1966669	75.249	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.775	88	204828	48.309	ng	100
3) Pyridine	3.522	79	476454	45.811	ng	98
4) n-Nitrosodimethylamine	3.475	42	231061	46.606	ng	100
6) Aniline	6.540	93	278403	21.904	ng	99
8) 2-Chlorophenol	6.663	128	551562	49.146	ng	99
9) Benzaldehyde	6.428	77	166837	23.154	ng	100
10) Phenol	6.516	94	658886	48.611	ng	99
11) bis(2-Chloroethyl)ether	6.610	93	477385	46.905	ng	100
12) 1,3-Dichlorobenzene	6.816	146	581106	47.960	ng	100
13) 1,4-Dichlorobenzene	6.893	146	588669	48.018	ng	99
14) 1,2-Dichlorobenzene	7.045	146	563557	48.806	ng	99
15) Benzyl Alcohol	7.016	79	493158	47.346	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	550464	44.799	ng	99
17) 2-Methylphenol	7.128	107	446045	49.986	ng	99
18) Hexachloroethane	7.387	117	219931	47.841	ng	98
19) n-Nitroso-di-n-propyla...	7.293	70	375698	45.381	ng	99
20) 3+4-Methylphenols	7.275	107	552362	48.327	ng	94
22) Acetophenone	7.287	105	832250	50.227	ng	99
24) Nitrobenzene	7.457	77	578250	47.309	ng	100
25) Isophorone	7.698	82	1037223	47.724	ng	99
26) 2-Nitrophenol	7.775	139	296927	49.496	ng	99
27) 2,4-Dimethylphenol	7.804	122	481531	58.294	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	621022	45.558	ng	99
29) 2,4-Dichlorophenol	8.010	162	480443	46.859	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	521823	46.183	ng	98
31) Naphthalene	8.181	128	1600320	45.025	ng	100
32) Benzoic acid	7.934	122	399031	54.955	ng	99
33) 4-Chloroaniline	8.222	127	82150	6.547	ng	97
34) Hexachlorobutadiene	8.298	225	344413	46.740	ng	99
35) Caprolactam	8.604	113	156659m	50.116	ng	
36) 4-Chloro-3-methylphenol	8.704	107	526797	46.060	ng	100
37) 2-Methylnaphthalene	8.869	142	1047722	44.101	ng	100
38) 1-Methylnaphthalene	8.969	142	1023979	44.666	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	619515	52.488	ng	98
41) Hexachlorocyclopentadiene	9.022	237	715526	154.902	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	388179	50.323	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	368503	47.168	ng		100
46) 1,1'-Biphenyl	9.334	154	1516984	51.500	ng		100
47) 2-Chloronaphthalene	9.363	162	1035869	47.182	ng		99
48) 2-Nitroaniline	9.451	65	303853	47.799	ng		99
49) Acenaphthylene	9.775	152	1617230	49.638	ng		100
50) Dimethylphthalate	9.634	163	1246295	45.908	ng		99
51) 2,6-Dinitrotoluene	9.698	165	270588	47.871	ng		95
52) Acenaphthene	9.945	154	1215086	53.070	ng		99
53) 3-Nitroaniline	9.863	138	99521	17.357	ng		99
54) 2,4-Dinitrophenol	9.969	184	324255	99.243	ng	#	52
55) Dibenzofuran	10.122	168	1469426	44.915	ng		99
56) 4-Nitrophenol	10.022	139	436146	100.869	ng		99
57) 2,4-Dinitrotoluene	10.098	165	372369	50.439	ng		99
58) Fluorene	10.463	166	1169404	46.351	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	332927	46.831	ng		99
60) Diethylphthalate	10.333	149	1221129	45.111	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	609217	46.317	ng		100
62) 4-Nitroaniline	10.481	138	248793	44.571	ng		99
63) Azobenzene	10.616	77	1294282	51.428	ng		93
65) 4,6-Dinitro-2-methylph...	10.504	198	203925	52.328	ng		97
66) n-Nitrosodiphenylamine	10.575	169	1004332	47.477	ng		100
67) 4-Bromophenyl-phenylether	10.945	248	387252	47.170	ng		97
68) Hexachlorobenzene	11.010	284	437725	48.613	ng		96
69) Atrazine	11.098	200	396828	61.191	ng		100
70) Pentachlorophenol	11.198	266	538483	97.063	ng		99
71) Phenanthrene	11.428	178	1659160	46.990	ng		100
72) Anthracene	11.475	178	1685714	47.587	ng		100
73) Carbazole	11.628	167	1384515	45.320	ng		100
74) Di-n-butylphthalate	11.957	149	1808285	44.609	ng		100
75) Fluoranthene	12.610	202	1615657	43.137	ng		100
77) Benzidine	12.727	184	400196	74.234	ng		100
78) Pyrene	12.839	202	1564324	46.802	ng		100
80) Butylbenzylphthalate	13.457	149	605021	46.248	ng		98
81) Benzo(a)anthracene	14.021	228	1270257	50.098	ng		100
82) 3,3'-Dichlorobenzidine	13.986	252	206032	28.118	ng		99
83) Chrysene	14.063	228	1062481	46.227	ng		100
84) Bis(2-ethylhexyl)phtha...	14.010	149	820927	45.512	ng		100
85) Di-n-octyl phthalate	14.621	149	1250691	49.833	ng		99
87) Indeno(1,2,3-cd)pyrene	16.992	276	1234951	50.615	ng		98
88) Benzo(b)fluoranthene	15.074	252	1115662	43.159	ng		100
89) Benzo(k)fluoranthene	15.104	252	1052468	47.577	ng		99
90) Benzo(a)pyrene	15.439	252	1020351	50.446	ng		99
91) Dibenzo(a,h)anthracene	17.010	278	1014043	50.373	ng		98
92) Benzo(g,h,i)perylene	17.439	276	915674	46.029	ng		99

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

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