Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
Data File : BF141589.D
Acq On : 12 Feb 2025 14:50
Operator : RC/JU
Sample : Q1343-04MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-9MSD

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

Quant Time: Feb 12 15:31:46 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	81490	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	321913	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	174524	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	295317	20.000	ng		0.00
76) Chrysene-d12	13.957	240	170075	20.000	ng		0.00
86) Perylene-d12	15.427	264	169809	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.422	112	655109	126.033	ng		0.01
7) Phenol-d6	6.434	99	764280	116.333	ng		0.00
23) Nitrobenzene-d5	7.351	82	563532	91.307	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	232251	132.475	ng		-0.01
45) 2-Fluorobiphenyl	9.145	172	1041487	91.939	ng		0.00
79) Terphenyl-d14	12.892	244	1089055	108.100	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.658	88	83417	39.873	ng	#	80
3) Pyridine	3.363	79	151395	30.411	ng		98
4) n-Nitrosodimethylamine	3.281	42	129962	39.426	ng		97
6) Aniline	6.451	93	70068	11.370	ng	#	1
8) 2-Chlorophenol	6.575	128	233138	41.509	ng		99
9) Benzaldehyde	6.340	77	72802	20.853	ng		99
10) Phenol	6.446	94	252354	36.906	ng		81
11) bis(2-Chloroethyl)ether	6.528	93	215130	41.887	ng		100
12) 1,3-Dichlorobenzene	6.728	146	233647	39.404	ng		97
13) 1,4-Dichlorobenzene	6.804	146	240375	39.677	ng		99
14) 1,2-Dichlorobenzene	6.957	146	229440	40.805	ng		99
15) Benzyl Alcohol	6.934	79	202416	40.178	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	351003	39.924	ng		84
17) 2-Methylphenol	7.051	107	183266	41.696	ng		98
18) Hexachloroethane	7.298	117	87867	39.190	ng		96
19) n-Nitroso-di-n-propyla...	7.204	70	163554	41.619	ng		96
20) 3+4-Methylphenols	7.204	107	235551	42.170	ng		98
22) Acetophenone	7.198	105	360109	44.970	ng		96
24) Nitrobenzene	7.369	77	247042	41.048	ng		100
25) Isophorone	7.610	82	441999	44.915	ng		98
26) 2-Nitrophenol	7.687	139	124929	41.723	ng		96
27) 2,4-Dimethylphenol	7.728	122	189714	54.236	ng		99
28) bis(2-Chloroethoxy)met...	7.822	93	265027	42.029	ng		99
29) 2,4-Dichlorophenol	7.934	162	199073	42.122	ng		99
30) 1,2,4-Trichlorobenzene	8.010	180	207345	40.287	ng		100
31) Naphthalene	8.092	128	674296	40.240	ng		100
32) Benzoic acid	7.857	122	156229	42.999	ng		99
33) 4-Chloroaniline	8.151	127	44290	7.570	ng		100
34) Hexachlorobutadiene	8.204	225	126776	41.032	ng		99
35) Caprolactam	8.510	113	61900m	43.017	ng		
36) 4-Chloro-3-methylphenol	8.634	107	214915	41.052	ng		99
37) 2-Methylnaphthalene	8.781	142	437997	40.168	ng		99
38) 1-Methylnaphthalene	8.881	142	424838	40.227	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	235618	46.664	ng		98
41) Hexachlorocyclopentadiene	8.934	237	207900	123.794	ng		100
43) 2,4,6-Trichlorophenol	9.063	196	138072	42.310	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	153046	43.273	ng	97
46) 1,1'-Biphenyl	9.245	154	629311	46.511	ng	100
47) 2-Chloronaphthalene	9.269	162	430825	43.059	ng	99
48) 2-Nitroaniline	9.369	65	142635	42.478	ng	97
49) Acenaphthylene	9.686	152	661990	44.483	ng	100
50) Dimethylphthalate	9.545	163	501862	42.358	ng	100
51) 2,6-Dinitrotoluene	9.610	165	112663	43.498	ng	99
52) Acenaphthene	9.857	154	421056	42.085	ng	98
53) 3-Nitroaniline	9.781	138	31813	11.412	ng	100
54) 2,4-Dinitrophenol	9.892	184	148920	96.743	ng	96
55) Dibenzofuran	10.028	168	610164	41.549	ng	99
56) 4-Nitrophenol	9.957	139	166685	80.548	ng	97
57) 2,4-Dinitrotoluene	10.016	165	154035	44.674	ng	98
58) Fluorene	10.375	166	481641	42.417	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	131960	43.338	ng	96
60) Diethylphthalate	10.245	149	483863	41.508	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	230294	42.158	ng	99
62) 4-Nitroaniline	10.392	138	103407	36.531	ng	99
63) Azobenzene	10.522	77	469017	40.472	ng	99
65) 4,6-Dinitro-2-methylph...	10.428	198	91019	44.369	ng	95
66) n-Nitrosodiphenylamine	10.486	169	407300	43.085	ng	100
67) 4-Bromophenyl-phenylether	10.851	248	141857	42.980	ng	96
68) Hexachlorobenzene	10.922	284	153395	45.134	ng	99
69) Atrazine	11.016	200	141814	50.004	ng	98
70) Pentachlorophenol	11.122	266	184026	84.680	ng	99
71) Phenanthrene	11.333	178	721779	44.401	ng	100
72) Anthracene	11.386	178	736994	45.101	ng	100
73) Carbazole	11.545	167	627531	42.679	ng	100
74) Di-n-butylphthalate	11.869	149	747284	44.016	ng	100
75) Fluoranthene	12.522	202	709112	41.145	ng	100
77) Benzidine	12.657	184	43289	11.541	ng	95
78) Pyrene	12.751	202	704415	48.654	ng	100
80) Butylbenzylphthalate	13.369	149	266222	53.088	ng	98
81) Benzo(a)anthracene	13.945	228	493337	43.637	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	65138	20.114	ng	97
83) Chrysene	13.980	228	453656	43.458	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	311091	55.003	ng	100
85) Di-n-octyl phthalate	14.569	149	439577	54.480	ng	98
87) Indeno(1,2,3-cd)pyrene	16.868	276	447441	42.645	ng	99
88) Benzo(b)fluoranthene	15.004	252	470998	41.309	ng	99
89) Benzo(k)fluoranthene	15.033	252	393251	40.391	ng	99
90) Benzo(a)pyrene	15.363	252	422897	45.837	ng	98
91) Dibenzo(a,h)anthracene	16.886	278	373107	43.886	ng	99
92) Benzo(g,h,i)perylene	17.304	276	323988	36.416	ng	99

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

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