Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
Data File : BF141588.D
Acq On : 12 Feb 2025 14:24
Operator : RC/JU
Sample : Q1343-04MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Feb 12 14:56:14 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

Instrument :
BNA_F
ClientSampleId :
WC-9MS

Manual Integrations APPROVED

Reviewed By :Anahy Claudio

02/13/2025
Supervised By :Jagrut Upadhyay

02/13/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.787	152	82847	20.000	ng		0.00
21) Naphthalene-d8	8.069	136	325445	20.000	ng		0.00
39) Acenaphthene-d10	9.822	164	179407	20.000	ng		-0.01
64) Phenanthrene-d10	11.310	188	307769	20.000	ng		0.00
76) Chrysene-d12	13.957	240	178230	20.000	ng		0.00
86) Perylene-d12	15.427	264	170335	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	711646	134.667	ng		0.02
7) Phenol-d6	6.434	99	833397	124.776	ng		0.00
23) Nitrobenzene-d5	7.351	82	617009	98.886	ng		-0.01
42) 2,4,6-Tribromophenol	10.616	330	264526	146.777	ng		-0.01
45) 2-Fluorobiphenyl	9.145	172	1141840	98.055	ng		0.00
79) Terphenyl-d14	12.898	244	1238262	117.287	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.675	88	90792	42.688	ng	#	80
3) Pyridine	3.375	79	158993	31.414	ng		97
4) n-Nitrosodimethylamine	3.299	42	139863	41.735	ng		96
6) Aniline	6.457	93	66216	10.569	ng	#	11
8) 2-Chlorophenol	6.581	128	256703	44.956	ng		99
9) Benzaldehyde	6.340	77	80545	22.693	ng		99
10) Phenol	6.446	94	273704	39.372	ng		81
11) bis(2-Chloroethyl)ether	6.528	93	238481	45.673	ng		99
12) 1,3-Dichlorobenzene	6.728	146	258309	42.850	ng		98
13) 1,4-Dichlorobenzene	6.804	146	264292	42.911	ng		99
14) 1,2-Dichlorobenzene	6.957	146	251925	44.070	ng		99
15) Benzyl Alcohol	6.934	79	224553	43.842	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	380916	42.617	ng		82
17) 2-Methylphenol	7.051	107	200351	44.836	ng		98
18) Hexachloroethane	7.298	117	98589	43.252	ng		98
19) n-Nitroso-di-n-propyla...	7.204	70	179615	44.958	ng		96
20) 3+4-Methylphenols	7.204	107	258102	45.450	ng		97
22) Acetophenone	7.198	105	400386	49.457	ng		95
24) Nitrobenzene	7.375	77	271210	44.575	ng		98
25) Isophorone	7.610	82	481420	48.390	ng		99
26) 2-Nitrophenol	7.687	139	139110	45.955	ng		96
27) 2,4-Dimethylphenol	7.728	122	207800	58.762	ng		99
28) bis(2-Chloroethoxy)met...	7.822	93	292423	45.870	ng		99
29) 2,4-Dichlorophenol	7.934	162	217835	45.591	ng		99
30) 1,2,4-Trichlorobenzene	8.010	180	228579	43.931	ng		99
31) Naphthalene	8.092	128	748298	44.172	ng		100
32) Benzoic acid	7.863	122	174762	47.578	ng		97
33) 4-Chloroaniline	8.157	127	46198	7.811	ng		98
34) Hexachlorobutadiene	8.204	225	138932	44.478	ng		100
35) Caprolactam	8.510	113	67184m	46.182	ng		
36) 4-Chloro-3-methylphenol	8.640	107	238985	45.154	ng		98
37) 2-Methylnaphthalene	8.781	142	486961	44.173	ng		98
38) 1-Methylnaphthalene	8.881	142	470250	44.044	ng		99
40) 1,2,4,5-Tetrachloroben...	8.945	216	258428	49.789	ng		99
41) Hexachlorocyclopentadiene	8.934	237	226194	131.021	ng		98
43) 2,4,6-Trichlorophenol	9.063	196	152206	45.371	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	169779	46.698	ng	98
46) 1,1'-Biphenyl	9.245	154	696791	50.096	ng	100
47) 2-Chloronaphthalene	9.269	162	474965	46.179	ng	100
48) 2-Nitroaniline	9.369	65	155312	44.995	ng	98
49) Acenaphthylene	9.687	152	731787	47.834	ng	99
50) Dimethylphthalate	9.551	163	571877	46.954	ng	100
51) 2,6-Dinitrotoluene	9.610	165	125641	47.189	ng	97
52) Acenaphthene	9.857	154	469132	45.614	ng	99
53) 3-Nitroaniline	9.781	138	33895	11.828	ng	100
54) 2,4-Dinitrophenol	9.898	184	166505	105.223	ng	91
55) Dibenzofuran	10.028	168	666080	44.122	ng	100
56) 4-Nitrophenol	9.963	139	188194	88.467	ng	95
57) 2,4-Dinitrotoluene	10.016	165	170041	47.974	ng	99
58) Fluorene	10.375	166	537230	46.025	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	144571	46.187	ng	98
60) Diethylphthalate	10.251	149	543198	45.330	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	257008	45.768	ng	99
62) 4-Nitroaniline	10.398	138	113386	38.967	ng	98
63) Azobenzene	10.522	77	528117	44.332	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	103181	48.262	ng	96
66) n-Nitrosodiphenylamine	10.486	169	455478	46.232	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	160935	46.787	ng	97
68) Hexachlorobenzene	10.922	284	170124	48.031	ng	99
69) Atrazine	11.016	200	157713	53.361	ng	99
70) Pentachlorophenol	11.122	266	211884	93.555	ng	99
71) Phenanthrene	11.333	178	809111	47.760	ng	100
72) Anthracene	11.386	178	809686	47.544	ng	99
73) Carbazole	11.545	167	696559	45.457	ng	99
74) Di-n-butylphthalate	11.875	149	835553	47.224	ng	100
75) Fluoranthene	12.522	202	804863	44.811	ng	100
77) Benzidine	12.657	184	43989	11.191	ng	98
78) Pyrene	12.751	202	799795	52.715	ng	100
80) Butylbenzylphthalate	13.369	149	308802	58.761	ng	100
81) Benzo(a)anthracene	13.945	228	547133	46.181	ng	99
82) 3,3'-Dichlorobenzidine	13.910	252	56955	16.782	ng	98
83) Chrysene	13.980	228	522883	47.798	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	371149	62.619	ng	100
85) Di-n-octyl phthalate	14.569	149	502234	59.398	ng	99
87) Indeno(1,2,3-cd)pyrene	16.874	276	499573	47.466	ng	99
88) Benzo(b)fluoranthene	15.010	252	473442	41.395	ng	100
89) Benzo(k)fluoranthene	15.039	252	461806	47.286	ng	99
90) Benzo(a)pyrene	15.368	252	455008	49.166	ng	99
91) Dibenzo(a,h)anthracene	16.886	278	413526	48.490	ng	99
92) Benzo(g,h,i)perylene	17.304	276	363883	40.774	ng	99

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

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