Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085847.D
Acq On : 29 Mar 2016 12:40
Operator : UM/SJ
Sample : H1834-08MS
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
13MS

Manual Integrations APPROVED
Sohil
3/29/2016 5:04:43 PM

Quant Time: Mar 29 13:16:40 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	128532	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	515183	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	218677	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	389318	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	251158	20.00	ng		0.00
86) Perylene-d12	15.40	264	223423	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	919082	119.09	ng		0.01
7) Phenol-d6	6.46	99	1220441	124.38	ng		0.00
23) Nitrobenzene-d5	7.38	82	725434	79.30	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	288664	138.94	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	1154218	88.19	ng		-0.01
78) Terphenyl-d14	12.93	244	992893	81.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.45	88	125718	34.11	ng		97
3) Pyridine	3.18	79	157318	17.81	ng		99
4) n-Nitrosodimethylamine	3.12	42	164196	46.42	ng		96
6) Aniline	6.48	93	260898	19.75	ng	#	53
8) 2-Chlorophenol	6.61	128	381216	42.51	ng		96
9) Benzaldehyde	6.37	77	70481	11.92	ng		92
10) Phenol	6.48	94	388374	34.93	ng		83
11) bis(2-Chloroethyl)ether	6.56	93	388146	45.37	ng		95
12) 1,3-Dichlorobenzene	6.76	146	385810	39.95	ng	#	95
13) 1,4-Dichlorobenzene	6.84	146	397443	40.58	ng		95
14) 1,2-Dichlorobenzene	6.98	146	346303	37.95	ng		95
15) Benzyl Alcohol	6.96	79	275408	42.07	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	427137	37.63	ng		92
17) 2-Methylphenol	7.09	107	316679	44.11	ng		98
18) Hexachloroethane	7.33	117	140721	39.24	ng		92
19) n-Nitroso-di-n-propylamine	7.24	70	231600	39.42	ng		93
20) 3+4-Methylphenols	7.24	107	345549	40.03	ng		95
22) Acetophenone	7.24	105	483820	40.31	ng	#	97
24) Nitrobenzene	7.41	77	427893	45.37	ng		93
25) Isophorone	7.65	82	763331	43.31	ng		96
26) 2-Nitrophenol	7.73	139	206324	43.73	ng	#	88
27) 2,4-Dimethylphenol	7.76	122	301014	36.50	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	430686	42.89	ng		99
29) 2,4-Dichlorophenol	7.97	162	301474	43.49	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	324418	42.15	ng		95
31) Naphthalene	8.13	128	1081738	41.67	ng		99
32) Benzoic acid	7.85	122	33458	6.11	ng		98
33) 4-Chloroaniline	8.18	127	141131	13.32	ng		99
34) Hexachlorobutadiene	8.24	225	167931	40.14	ng		99
35) Caprolactam	8.55	113	93148m	37.93	ng		
36) 4-Chloro-3-methylphenol	8.66	107	350856	43.33	ng		95
37) 2-Methylnaphthalene	8.81	142	672241	44.23	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	281095	43.35	ng		99
40) Hexachlorocyclopentadiene	8.97	237	131947	52.40	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	194800	44.48	ng		100
43) 2,4,5-Trichlorophenol	9.14	196	200828	43.72	ng	#	88
45) 1,1'-Biphenyl	9.28	154	763177	41.36	ng		98
46) 2-Chloronaphthalene	9.30	162	572999	42.23	ng		92
47) 2-Nitroaniline	9.41	65	196903	47.46	ng		98
48) Acenaphthylene	9.72	152	947122	42.84	ng		99
49) Dimethylphthalate	9.59	163	1007920	60.75	ng		100
50) 2,6-Dinitrotoluene	9.65	165	156591	43.85	ng		92
51) Acenaphthene	9.89	154	561917	41.61	ng		99
52) 3-Nitroaniline	9.82	138	122502	29.97	ng		98
53) 2,4-Dinitrophenol	9.93	184	60200	36.89	ng	#	71
54) Dibenzofuran	10.07	168	819431	46.88	ng		95
55) 4-Nitrophenol	9.99	139	193009	72.48	ng		92
56) 2,4-Dinitrotoluene	10.06	165	214680	47.30	ng	#	72
57) Fluorene	10.41	166	615980	42.39	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	155366	48.67	ng		96
59) Diethylphthalate	10.29	149	772770	47.14	ng		100
60) 4-Chlorophenyl-phenylether	10.40	204	327363	46.08	ng	#	87
61) 4-Nitroaniline	10.44	138	163247	41.75	ng		94
62) Azobenzene	10.56	77	766581	48.67	ng		92
64) 4,6-Dinitro-2-methylphenol	10.47	198	66817	29.31	ng	#	57
65) n-Nitrosodiphenylamine	10.52	169	562715	45.63	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	186522	46.83	ng	#	86
67) Hexachlorobenzene	10.96	284	192601	46.24	ng	#	87
68) Atrazine	11.05	200	209460	50.31	ng		99
69) Pentachlorophenol	11.16	266	168803	82.55	ng		99
70) Phenanthrene	11.37	178	911057	45.58	ng		99
71) Anthracene	11.42	178	899748	42.87	ng		100
72) Carbazole	11.58	167	867621	49.24	ng		98
73) Di-n-butylphthalate	11.91	149	1085349	44.89	ng		98
74) Fluoranthene	12.55	202	765558	36.03	ng		97
76) Benzidine	12.68	184	24274	2.74	ng		99
77) Pyrene	12.78	202	771732	37.38	ng		99
79) Butylbenzylphthalate	13.40	149	369856	42.78	ng	#	79
80) Benzo(a)anthracene	13.97	228	617540	43.12	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	109943	11.06	ng	#	97
82) Chrysene	14.00	228	494042	34.25	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	512947	49.55	ng	#	96
84) Di-n-octyl phthalate	14.56	149	743792	48.32	ng		99
85) Indeno(1,2,3-cd)pyrene	16.79	276	623584	55.98	ng		99
87) Benzo(b)fluoranthene	15.00	252	671782m	47.73	ng		
88) Benzo(k)fluoranthene	15.02	252	455775m	35.92	ng		
89) Benzo(a)pyrene	15.34	252	558345	44.68	ng		99
90) Dibenzo(a,h)anthracene	16.79	278	530716	45.71	ng		97
91) Benzo(g,h,i)perylene	17.20	276	501559	42.66	ng		95

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

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