Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089635.D
Acq On : 5 Aug 2016 17:44
Operator : UM/SJ
Sample : H4292-08MS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS10-0-2INMS

Manual Integrations APPROVED
umangi
8/8/2016 9:13:58 AM

Quant Time: Aug 06 00:02:40 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	52588	20.00	ng		0.00
21) Naphthalene-d8	9.47	136	215829	20.00	ng		0.00
38) Acenaphthene-d10	12.30	164	90750	20.00	ng		0.00
63) Phenanthrene-d10	14.70	188	137959	20.00	ng		0.00
75) Chrysene-d12	18.39	240	103316	20.00	ng		0.00
86) Perylene-d12	20.06	264	99621	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	442917	141.16	ng		0.04
7) Phenol-d6	7.00	99	566770	133.16	ng		0.02
23) Nitrobenzene-d5	8.36	82	365585	93.69	ng		0.00
41) 2,4,6-Tribromophenol	13.60	330	92257	123.19	ng		0.01
44) 2-Fluorobiphenyl	11.26	172	599962	85.92	ng		0.00
78) Terphenyl-d14	17.05	244	343973	65.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.79	88	48732	27.09	ng	#	88
3) Pyridine	2.35	79	128024	38.73	ng		99
4) n-Nitrosodimethylamine	2.33	42	58889	41.69	ng		98
6) Aniline	7.02	93	112561	20.41	ng	#	1
8) 2-Chlorophenol	7.13	128	156131	40.53	ng		99
9) Benzaldehyde	6.74	77	66747	43.22	ng		93
10) Phenol	7.03	94	201428	46.10	ng		96
11) bis(2-Chloroethyl)ether	7.10	93	153538	40.90	ng		99
12) 1,3-Dichlorobenzene	7.35	146	158313	37.84	ng		99
13) 1,4-Dichlorobenzene	7.47	146	157791	37.81	ng		98
14) 1,2-Dichlorobenzene	7.70	146	160175	36.42	ng		99
15) Benzyl Alcohol	7.74	79	130271	46.68	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.95	45	172621	36.11	ng		93
17) 2-Methylphenol	7.96	107	119289	42.88	ng	#	89
18) Hexachloroethane	8.23	117	59036	33.57	ng		97
19) n-Nitroso-di-n-propylamine	8.17	70	118451	38.52	ng		95
20) 3+4-Methylphenols	8.22	107	149897	42.69	ng		98
22) Acetophenone	8.12	105	186830	36.31	ng		96
24) Nitrobenzene	8.39	77	157214	42.42	ng		99
25) Isophorone	8.79	82	303966	40.68	ng		99
26) 2-Nitrophenol	8.89	139	72180	42.44	ng		98
27) 2,4-Dimethylphenol	9.04	122	128608	42.06	ng		97
28) bis(2-Chloroethoxy)methane	9.18	93	182624	40.40	ng		100
29) 2,4-Dichlorophenol	9.31	162	115330	39.86	ng		96
30) 1,2,4-Trichlorobenzene	9.40	180	128833	38.99	ng		99
31) Naphthalene	9.51	128	439753	38.33	ng		99
32) Benzoic acid	9.27	122	6300	3.28	ng		93
33) 4-Chloroaniline	9.67	127	66109	15.35	ng		98
34) Hexachlorobutadiene	9.72	225	68345	35.92	ng		99
35) Caprolactam	10.27	113	35302m	41.86	ng		
36) 4-Chloro-3-methylphenol	10.51	107	128353	38.16	ng		94
37) 2-Methylnaphthalene	10.64	142	274278	38.88	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	104913	30.76	ng		99
40) Hexachlorocyclopentadiene	10.89	237	22717	26.12	ng		100

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	75174	44.68	ng		98
43) 2,4,5-Trichlorophenol	11.21	196	78338	43.57	ng		98
45) 1,1'-Biphenyl	11.41	154	292809	35.78	ng		100
46) 2-Chloronaphthalene	11.42	162	243975	39.76	ng		99
47) 2-Nitroaniline	11.63	65	76596	38.73	ng	#	79
48) Acenaphthylene	12.07	152	390882	38.67	ng		100
49) Dimethylphthalate	11.97	163	436590	61.38	ng		99
50) 2,6-Dinitrotoluene	12.05	165	60958	43.10	ng	#	85
51) Acenaphthene	12.35	154	231063	39.58	ng		99
52) 3-Nitroaniline	12.31	138	49997	29.56	ng		99
53) 2,4-Dinitrophenol	12.51	184	13694	31.11	ng		90
54) Dibenzofuran	12.64	168	342416	42.66	ng		100
55) 4-Nitrophenol	12.69	139	65310	71.97	ng	#	57
56) 2,4-Dinitrotoluene	12.70	165	79622	40.03	ng	#	89
57) Fluorene	13.19	166	264448	38.55	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.88	232	55764	40.85	ng		99
59) Diethylphthalate	13.11	149	280920	38.19	ng		97
60) 4-Chlorophenyl-phenylether	13.22	204	120183	38.20	ng		93
61) 4-Nitroaniline	13.31	138	46318	30.46	ng		97
62) Azobenzene	13.49	77	303351	42.64	ng		99
64) 4,6-Dinitro-2-methylphenol	13.37	198	20820	27.27	ng		87
65) n-Nitrosodiphenylamine	13.44	169	225118	48.31	ng		100
66) 4-Bromophenyl-phenylether	14.01	248	62790	47.06	ng		99
67) Hexachlorobenzene	14.08	284	60191	41.00	ng	#	79
68) Atrazine	14.35	200	61333	47.14	ng		98
69) Pentachlorophenol	14.42	266	49422	78.71	ng		98
70) Phenanthrene	14.73	178	397560	53.00	ng		99
71) Anthracene	14.81	178	355624	44.22	ng		99
72) Carbazole	15.11	167	285475	42.59	ng		99
73) Di-n-butylphthalate	15.70	149	389349	42.95	ng		100
74) Fluoranthene	16.49	202	422090	54.74	ng		98
76) Benzidine	16.74	184	19861	6.34	ng		98
77) Pyrene	16.80	202	402302	44.04	ng		98
79) Butylbenzylphthalate	17.73	149	139959	36.01	ng		96
80) Benzo(a)anthracene	18.38	228	296078	49.88	ng		100
81) 3,3'-Dichlorobenzidine	18.37	252	60031	32.10	ng		98
82) Chrysene	18.42	228	282525	45.37	ng		99
83) Bis(2-ethylhexyl)phthalate	18.47	149	191405	35.56	ng		100
84) Di-n-octyl phthalate	19.25	149	333250	43.03	ng	#	98
85) Indeno(1,2,3-cd)pyrene	21.25	276	206394	43.64	ng		100
87) Benzo(b)fluoranthene	19.65	252	327407m	53.44	ng		
88) Benzo(k)fluoranthene	19.68	252	218303m	35.32	ng		
89) Benzo(a)pyrene	20.00	252	257744	44.93	ng		99
90) Dibenzo(a,h)anthracene	21.25	278	157098	29.32	ng		95
91) Benzo(g,h,i)perylene	21.58	276	165584	30.18	ng		97

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

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