Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080516\
Data File : BF089643.D
Acq On : 5 Aug 2016 22:15
Operator : UM/SJ
Sample : H4346-04MSD
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-46D-9-11MSD

Manual Integrations APPROVED
umangi
8/8/2016 9:19:39 AM

Quant Time: Aug 06 00:16:11 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	44367	20.00	ng	0.00
21) Naphthalene-d8	9.47	136	178930	20.00	ng	0.00
38) Acenaphthene-d10	12.30	164	73995	20.00	ng	0.00
63) Phenanthrene-d10	14.70	188	112371	20.00	ng	0.00
75) Chrysene-d12	18.39	240	86539	20.00	ng	0.00
86) Perylene-d12	20.05	264	75704	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	401453	151.66	ng	0.04
7) Phenol-d6	7.00	99	516586	143.86	ng	0.02
23) Nitrobenzene-d5	8.36	82	327859	101.35	ng	0.00
41) 2,4,6-Tribromophenol	13.60	330	80780	132.29	ng	0.01
44) 2-Fluorobiphenyl	11.26	172	530895	93.25	ng	0.00
78) Terphenyl-d14	17.05	244	313390	71.49	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	1.82	88	50197	33.08	ng	# 89
3) Pyridine	2.38	79	134297	48.16	ng	98
4) n-Nitrosodimethylamine	2.35	42	59368	48.67	ng	97
6) Aniline	6.95	93	119795	25.74	ng	98
8) 2-Chlorophenol	7.13	128	161494	49.69	ng	97
9) Benzaldehyde	6.74	77	62916	48.29	ng	93
10) Phenol	7.02	94	199289	54.06	ng	99
11) bis(2-Chloroethyl)ether	7.10	93	151398	47.80	ng	99
12) 1,3-Dichlorobenzene	7.35	146	160372	45.44	ng	99
13) 1,4-Dichlorobenzene	7.47	146	162056	46.03	ng	100
14) 1,2-Dichlorobenzene	7.70	146	159141	42.89	ng	99
15) Benzyl Alcohol	7.74	79	136909	58.15	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.95	45	181327	44.96	ng	96
17) 2-Methylphenol	7.95	107	123102	52.45	ng	94
18) Hexachloroethane	8.23	117	58496	39.43	ng	98
19) n-Nitroso-di-n-propylamine	8.17	70	121204	46.72	ng	96
20) 3+4-Methylphenols	8.22	107	157477	53.15	ng	98
22) Acetophenone	8.12	105	193049	45.26	ng	96
24) Nitrobenzene	8.39	77	160647	52.28	ng	100
25) Isophorone	8.79	82	312508	50.45	ng	99
26) 2-Nitrophenol	8.89	139	75735	53.71	ng	96
27) 2,4-Dimethylphenol	9.04	122	130705	51.56	ng	98
28) bis(2-Chloroethoxy)methane	9.18	93	192052	51.25	ng	99
29) 2,4-Dichlorophenol	9.31	162	120016	50.03	ng	96
30) 1,2,4-Trichlorobenzene	9.40	180	128738	46.99	ng	99
31) Naphthalene	9.51	128	450671	47.39	ng	99
32) Benzoic acid	9.29	122	11291	7.09	ng	89
33) 4-Chloroaniline	9.66	127	35527	9.95	ng	98
34) Hexachlorobutadiene	9.74	225	69585	44.11	ng	97
35) Caprolactam	10.27	113	36145m	51.70	ng	
36) 4-Chloro-3-methylphenol	10.51	107	135181	48.48	ng	93
37) 2-Methylnaphthalene	10.64	142	275228	47.06	ng	98
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	103829	37.33	ng	99
40) Hexachlorocyclopentadiene	10.89	237	11959	20.07	ng	97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	75678	55.17	ng		97
43) 2,4,5-Trichlorophenol	11.21	196	82405	56.21	ng		97
45) 1,1'-Biphenyl	11.41	154	291449	43.68	ng		99
46) 2-Chloronaphthalene	11.42	162	243497	48.67	ng		99
47) 2-Nitroaniline	11.63	65	78809	48.87	ng	#	84
48) Acenaphthylene	12.07	152	382743	46.44	ng		100
49) Dimethylphthalate	11.97	163	546175	94.17	ng		99
50) 2,6-Dinitrotoluene	12.05	165	62965	54.60	ng	#	80
51) Acenaphthene	12.35	154	222995	46.84	ng		99
52) 3-Nitroaniline	12.31	138	40066	29.05	ng		96
53) 2,4-Dinitrophenol	12.53	184	6807	21.78	ng	#	81
54) Dibenzofuran	12.64	168	332848	50.86	ng		100
55) 4-Nitrophenol	12.69	139	64377m	102.02	ng		
56) 2,4-Dinitrotoluene	12.71	165	78327	48.29	ng		87
57) Fluorene	13.19	166	257560	46.05	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.88	232	53188m	47.79	ng		
59) Diethylphthalate	13.11	149	295369	49.25	ng		99
60) 4-Chlorophenyl-phenylether	13.22	204	117864	45.95	ng		95
61) 4-Nitroaniline	13.31	138	45606	36.78	ng		99
62) Azobenzene	13.49	77	304446	52.48	ng		99
64) 4,6-Dinitro-2-methylphenol	13.37	198	12459	21.45	ng		86
65) n-Nitrosodiphenylamine	13.44	169	220142	58.00	ng		99
66) 4-Bromophenyl-phenylether	14.01	248	62444	57.45	ng		99
67) Hexachlorobenzene	14.08	284	57134	47.78	ng	#	80
68) Atrazine	14.35	200	64377	60.75	ng		99
69) Pentachlorophenol	14.42	266	49098	95.09	ng		98
70) Phenanthrene	14.73	178	302471	49.50	ng		99
71) Anthracene	14.81	178	316867	48.37	ng		99
72) Carbazole	15.11	167	282063	51.66	ng		100
73) Di-n-butylphthalate	15.70	149	391022	52.95	ng		100
74) Fluoranthene	16.49	202	277691	44.21	ng		99
76) Benzidine	16.73	184	136503	52.04	ng		99
77) Pyrene	16.80	202	285592	37.33	ng		98
79) Butylbenzylphthalate	17.73	149	138032	42.39	ng		94
80) Benzo(a)anthracene	18.38	228	237132	47.69	ng		99
81) 3,3'-Dichlorobenzidine	18.37	252	81636	52.11	ng		96
82) Chrysene	18.42	228	248250	47.59	ng		99
83) Bis(2-ethylhexyl)phthalate	18.48	149	200188	44.41	ng	#	96
84) Di-n-octyl phthalate	19.25	149	349820	53.93	ng		99
85) Indeno(1,2,3-cd)pyrene	21.23	276	175165	44.22	ng		99
87) Benzo(b)fluoranthene	19.65	252	211738m	45.48	ng		
88) Benzo(k)fluoranthene	19.68	252	240436m	51.19	ng		
89) Benzo(a)pyrene	20.00	252	205997	47.25	ng		97
90) Dibenzo(a,h)anthracene	21.25	278	147631	36.25	ng		98
91) Benzo(g,h,i)perylene	21.57	276	138134	33.13	ng		99

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

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