Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050716\
Data File : BF086797.D
Acq On : 8 May 2016 2:22
Operator : UM/SJ
Sample : H2882-03MSD
Misc :
ALS Vial : 67 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MWHR3-14MSD

Manual Integrations APPROVED
Sohil
5/9/2016 7:20:11 PM

Quant Time: May 09 17:35:38 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF050416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 07 23:59:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	171765	40.00	ng		0.00
21) Naphthalene-d8	8.00	136	698394	40.00	ng		0.00
38) Acenaphthene-d10	9.74	164	329461	40.00	ng		0.00
63) Phenanthrene-d10	11.22	188	554079	40.00	ng		0.00
75) Chrysene-d12	13.85	240	348974	40.00	ng		0.00
86) Perylene-d12	15.23	264	313044	40.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	718103	69.21	ng		0.01
7) Phenol-d6	6.36	99	620421	44.39	ng		-0.01
23) Nitrobenzene-d5	7.28	82	1240536	91.28	ng		-0.01
41) 2,4,6-Tribromophenol	10.53	330	401069	124.44	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1826486	90.88	ng		0.00
78) Terphenyl-d14	12.81	244	1661410	96.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.28	88	88401	16.48	ng	#	75
3) Pyridine	2.99	79	199802	15.19	ng	#	65
4) n-Nitrosodimethylamine	2.91	42	171818	21.54	ng	#	53
6) Aniline	6.37	93	343804	19.93	ng	#	72
8) 2-Chlorophenol	6.50	128	443745	35.64	ng		97
9) Benzaldehyde	6.26	77	64923	9.31	ng		98
10) Phenol	6.38	94	235123	15.38	ng	#	51
11) bis(2-Chloroethyl)ether	6.45	93	517464	39.32	ng		98
12) 1,3-Dichlorobenzene	6.64	146	463487m	35.06	ng		
13) 1,4-Dichlorobenzene	6.72	146	472752m	34.58	ng		
14) 1,2-Dichlorobenzene	6.88	146	470105	39.50	ng		100
15) Benzyl Alcohol	6.86	79	318653	35.24	ng	#	87
16) 2,2'-oxybis(1-Chloropropan	6.99	45	1106273	41.11	ng		81
17) 2-Methylphenol	6.99	107	311271	31.05	ng	#	74
18) Hexachloroethane	7.21	117	179656	34.81	ng		96
19) n-Nitroso-di-n-propylamine	7.14	70	469885	49.21	ng	#	76
20) 3+4-Methylphenols	7.15	107	378418	32.24	ng	#	60
22) Acetophenone	7.13	105	785465	48.27	ng		98
24) Nitrobenzene	7.30	77	648881	46.18	ng		99
25) Isophorone	7.54	82	1151369	45.49	ng		99
26) 2-Nitrophenol	7.62	139	277354	44.24	ng		97
27) 2,4-Dimethylphenol	7.66	122	385398	35.01	ng		88
28) bis(2-Chloroethoxy)methane	7.76	93	726045	52.12	ng		98
29) 2,4-Dichlorophenol	7.87	162	404467	42.73	ng		92
30) 1,2,4-Trichlorobenzene	7.94	180	444992	42.14	ng		99
31) Naphthalene	8.02	128	1478019	41.42	ng		100
32) Benzoic acid	7.78	122	68613	21.59	ng	#	82
33) 4-Chloroaniline	8.08	127	272599	19.72	ng		96
34) Hexachlorobutadiene	8.13	225	242068	40.38	ng		99
35) Caprolactam	8.46	113	24345	8.31	ng	#	52
36) 4-Chloro-3-methylphenol	8.57	107	425817	39.43	ng		88
37) 2-Methylnaphthalene	8.70	142	976484	46.39	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	410737	43.07	ng		98
40) Hexachlorocyclopentadiene	8.85	237	379004	85.75	ng		96

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42) 2,4,6-Trichlorophenol	8.99	196	279858	46.15	ng		96
43) 2,4,5-Trichlorophenol	9.05	196	293908	46.39	ng		95
45) 1,1'-Biphenyl	9.17	154	1296701	48.14	ng		98
46) 2-Chloronaphthalene	9.20	162	961642	46.27	ng		98
47) 2-Nitroaniline	9.30	65	317786	43.00	ng	#	75
48) Acenaphthylene	9.61	152	1405038	45.53	ng		99
49) Dimethylphthalate	9.48	163	1080371	43.99	ng		99
50) 2,6-Dinitrotoluene	9.54	165	225431	42.77	ng	#	65
51) Acenaphthene	9.78	154	922476	45.32	ng		99
52) 3-Nitroaniline	9.71	138	129749	21.65	ng	#	71
53) 2,4-Dinitrophenol	9.82	184	183949	82.96	ng		91
54) Dibenzofuran	9.95	168	1199540	47.55	ng		95
55) 4-Nitrophenol	9.90	139	106425m	30.46	ng		
56) 2,4-Dinitrotoluene	9.95	165	298192	45.65	ng	#	85
57) Fluorene	10.29	166	1008235	49.31	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.08	232	248701	53.45	ng		99
59) Diethylphthalate	10.18	149	1134320	48.80	ng		97
60) 4-Chlorophenyl-phenylether	10.28	204	407198	41.89	ng		99
61) 4-Nitroaniline	10.34	138	219021	38.04	ng		89
62) Azobenzene	10.44	77	1225887	47.59	ng		86
64) 4,6-Dinitro-2-methylphenol	10.35	198	138674	49.10	ng	#	42
65) n-Nitrosodiphenylamine	10.41	169	785072	44.62	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	287448	52.20	ng		89
67) Hexachlorobenzene	10.83	284	293107	43.65	ng	#	67
68) Atrazine	10.94	200	287083	53.25	ng		94
69) Pentachlorophenol	11.04	266	272950	83.49	ng		97
70) Phenanthrene	11.24	178	1334259	44.83	ng		100
71) Anthracene	11.30	178	1419057	45.53	ng		99
72) Carbazole	11.46	167	1158538	42.81	ng		98
73) Di-n-butylphthalate	11.79	149	1456517	45.33	ng	#	98
74) Fluoranthene	12.43	202	1418419	47.56	ng		94
76) Benzidine	12.57	184	191843	24.20	ng		96
77) Pyrene	12.66	202	1408318	50.62	ng		99
79) Butylbenzylphthalate	13.28	149	620689	53.26	ng	#	64
80) Benzo(a)anthracene	13.84	228	923394	46.79	ng		99
81) 3,3'-Dichlorobenzidine	13.81	252	178278	14.37	ng	#	94
82) Chrysene	13.87	228	936154	44.46	ng		98
83) Bis(2-ethylhexyl)phthalate	13.84	149	771155	57.19	ng	#	95
84) Di-n-octyl phthalate	14.45	149	1408414	70.98	ng	#	86
85) Indeno(1,2,3-cd)pyrene	16.53	276	883151	48.89	ng		96
87) Benzo(b)fluoranthene	14.84	252	854566m	45.43	ng		
88) Benzo(k)fluoranthene	14.88	252	921451m	51.99	ng		
89) Benzo(a)pyrene	15.17	252	814324	47.00	ng		98
90) Dibenzo(a,h)anthracene	16.55	278	738755	44.39	ng	#	94
91) Benzo(g,h,i)perylene	16.92	276	734743	42.05	ng	#	90

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

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