Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
Data File : BF088288.D
Acq On : 23 Jun 2016 11:19
Operator : UM/SJ
Sample : H3084-07MS
Misc :
ALS Vial : 41 Sample Multiplier: 0.25

Instrument :
BNA_F
ClientSampleId :
SS043MW011-160512MS

Manual Integrations APPROVED
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6/23/2016 7:03:50 PM

Quant Time: Jun 23 16:43:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 14:55:14 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	21261	5.00	ng		0.00
21) Naphthalene-d8	7.90	136	83383	5.00	ng		0.00
38) Acenaphthene-d10	9.63	164	35659	5.00	ng		-0.01
63) Phenanthrene-d10	11.12	188	56189	5.00	ng		0.00
75) Chrysene-d12	13.75	240	49674	5.00	ng		0.00
86) Perylene-d12	15.12	264	36588	5.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	13981	2.81	ng		0.03
7) Phenol-d6	6.28	99	13285	2.20	ng		0.02
23) Nitrobenzene-d5	7.18	82	23155	4.05	ng		0.00
41) 2,4,6-Tribromophenol	10.43	330	11199	7.44	ng		0.00
44) 2-Fluorobiphenyl	8.98	172	30362	2.10	ng		0.01
78) Terphenyl-d14	12.70	244	44468	5.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.02	88	165372	68.41	ng	#	43
3) Pyridine	2.89	79	5185m	0.91	ng		
4) n-Nitrosodimethylamine	2.72	42	1634	0.68	ng	#	92
6) Aniline	6.26	93	64826	7.55	ng		100
8) 2-Chlorophenol	6.40	128	20082	3.41	ng		90
9) Benzaldehyde	6.15	77	16851	3.48	ng	#	85
10) Phenol	6.30	94	13470	1.63	ng	#	70
11) bis(2-Chloroethyl)ether	6.34	93	122456	23.16	ng		85
12) 1,3-Dichlorobenzene	6.54	146	24665	3.90	ng		97
13) 1,4-Dichlorobenzene	6.62	146	52797	8.30	ng		97
14) 1,2-Dichlorobenzene	6.78	146	36252	6.26	ng		97
15) Benzyl Alcohol	6.76	79	13888	2.94	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	24911	3.49	ng		56
17) 2-Methylphenol	6.90	107	12926	2.71	ng	#	92
18) Hexachloroethane	7.11	117	4532	2.01	ng	#	83
19) n-Nitroso-di-n-propylamine	7.03	70	17260	4.48	ng	#	83
20) 3+4-Methylphenols	7.06	107	18781	3.37	ng	#	76
22) Acetophenone	7.03	105	34125	4.58	ng	#	94
24) Nitrobenzene	7.20	77	25432	4.60	ng		100
25) Isophorone	7.44	82	46901	4.43	ng	#	95
26) 2-Nitrophenol	7.52	139	10947m	3.69	ng		
27) 2,4-Dimethylphenol	7.58	122	21837	4.00	ng		99
28) bis(2-Chloroethoxy)methane	7.66	93	31432	4.79	ng		97
29) 2,4-Dichlorophenol	7.78	162	19001	4.17	ng		94
30) 1,2,4-Trichlorobenzene	7.84	180	18946	3.82	ng		98
31) Naphthalene	7.91	128	76092	4.61	ng		98
32) Benzoic acid	7.71	122	2825	0.94	ng		99
33) 4-Chloroaniline	7.98	127	110722	15.02	ng		96
34) Hexachlorobutadiene	8.03	225	10567	4.04	ng		99
35) Caprolactam	8.38	113	3615	2.40	ng	#	69
36) 4-Chloro-3-methylphenol	8.49	107	35177	7.22	ng	#	76
37) 2-Methylnaphthalene	8.60	142	54750	5.03	ng		96
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	18682	4.07	ng	#	1
42) 2,4,6-Trichlorophenol	8.92	196	14408	5.05	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.97	196	7803	2.63	ng		98
45) 1,1'-Biphenyl	9.07	154	68622	5.64	ng		94
46) 2-Chloronaphthalene	9.10	162	52191	5.65	ng		94
47) 2-Nitroaniline	9.20	65	16618	6.10	ng		100
48) Acenaphthylene	9.50	152	72162	4.92	ng		99
49) Dimethylphthalate	9.37	163	89185	8.63	ng	#	99
50) 2,6-Dinitrotoluene	9.44	165	12529	5.29	ng	#	83
51) Acenaphthene	9.67	154	62914	6.87	ng		98
52) 3-Nitroaniline	9.61	138	12972	4.75	ng	#	95
53) 2,4-Dinitrophenol	9.76	184	221	0.98	ng	#	43
54) Dibenzofuran	9.84	168	65278	5.18	ng	#	86
55) 4-Nitrophenol	9.84	139	32630	15.40	ng	#	11
56) 2,4-Dinitrotoluene	9.85	165	15053	4.95	ng	#	81
57) Fluorene	10.18	166	66732	7.42	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	9749	4.18	ng	#	48
59) Diethylphthalate	10.07	149	61947	5.92	ng		96
60) 4-Chlorophenyl-phenylether	10.18	204	25530	6.09	ng		95
61) 4-Nitroaniline	10.23	138	10008	3.86	ng		97
62) Azobenzene	10.34	77	50116	4.85	ng		95
65) n-Nitrosodiphenylamine	10.31	169	50683	6.80	ng		99
66) 4-Bromophenyl-phenylether	10.66	248	13112	5.44	ng	#	65
67) Hexachlorobenzene	10.73	284	13756	5.49	ng	#	85
68) Atrazine	10.84	200	6229	2.76	ng		91
69) Pentachlorophenol	10.94	266	8921	6.76	ng		95
70) Phenanthrene	11.14	178	69592	5.90	ng		98
71) Anthracene	11.19	178	71801	6.04	ng		99
72) Carbazole	11.36	167	68038	6.11	ng		99
73) Di-n-butylphthalate	11.69	149	93177	6.61	ng		98
74) Fluoranthene	12.32	202	68240	5.48	ng		94
76) Benzidine	12.59	184	1553	0.28	ng	#	1
77) Pyrene	12.55	202	73987	5.02	ng		97
79) Butylbenzylphthalate	13.18	149	34210	5.25	ng		94
80) Benzo(a)anthracene	13.74	228	61929	5.47	ng		99
82) Chrysene	13.77	228	57466	5.39	ng		95
83) Bis(2-ethylhexyl)phthalate	13.74	149	48460	6.11	ng		100
84) Di-n-octyl phthalate	14.34	149	78347	6.08	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.39	276	39239	3.96	ng	#	100
87) Benzo(b)fluoranthene	14.74	252	49988m	4.90	ng		
88) Benzo(k)fluoranthene	14.77	252	49786m	6.47	ng		
89) Benzo(a)pyrene	15.06	252	43004	5.21	ng		98
90) Dibenzo(a,h)anthracene	16.38	278	32981	4.30	ng	#	94
91) Benzo(g,h,i)perylene	16.77	276	31642	4.01	ng		97

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

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