Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062216\
Data File : BF088254.D
Acq On : 22 Jun 2016 17:24
Operator : UM/SJ
Sample : H3660-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-1(3.5-4)MS

Manual Integrations APPROVED
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6/23/2016 7:03:29 PM

Quant Time: Jun 22 18:57:12 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	75635	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	315380	20.00	ng		0.00
38) Acenaphthene-d10	9.64	164	150830	20.00	ng		0.00
63) Phenanthrene-d10	11.12	188	265304	20.00	ng		0.00
75) Chrysene-d12	13.75	240	203662	20.00	ng		0.00
86) Perylene-d12	15.11	264	168179	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	637711	144.14	ng		0.02
7) Phenol-d6	6.27	99	768822	143.39	ng		0.01
23) Nitrobenzene-d5	7.18	82	476726	88.27	ng		0.00
41) 2,4,6-Tribromophenol	10.43	330	176625	110.90	ng		0.00
44) 2-Fluorobiphenyl	8.97	172	783661	81.38	ng		0.00
78) Terphenyl-d14	12.70	244	618867	69.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.10	88	82912	38.57	ng	#	26
3) Pyridine	2.74	79	195763	38.57	ng		92
4) n-Nitrosodimethylamine	2.70	42	97352	45.29	ng		84
6) Aniline	6.27	93	243421	31.90	ng	#	37
8) 2-Chlorophenol	6.39	128	256709	49.02	ng		100
10) Phenol	6.28	94	308935	56.44	ng		97
11) bis(2-Chloroethyl)ether	6.35	93	249302	53.03	ng		86
12) 1,3-Dichlorobenzene	6.54	146	266172	47.37	ng		98
13) 1,4-Dichlorobenzene	6.62	146	269648	47.64	ng		96
14) 1,2-Dichlorobenzene	6.78	146	242408	47.09	ng		97
15) Benzyl Alcohol	6.76	79	177132	42.23	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.90	45	258348	40.67	ng		70
17) 2-Methylphenol	6.89	107	213507	50.27	ng		95
18) Hexachloroethane	7.11	117	92542	46.08	ng	#	87
19) n-Nitroso-di-n-propylamine	7.04	70	167085	48.71	ng	#	84
20) 3+4-Methylphenols	7.05	107	279061	56.32	ng	#	76
22) Acetophenone	7.03	105	330070	46.83	ng	#	98
24) Nitrobenzene	7.20	77	266551	50.95	ng		94
25) Isophorone	7.44	82	465678	46.55	ng		100
26) 2-Nitrophenol	7.52	139	147605	52.67	ng	#	78
27) 2,4-Dimethylphenol	7.56	122	225716	43.74	ng		94
28) bis(2-Chloroethoxy)methane	7.66	93	301253	48.55	ng	#	97
29) 2,4-Dichlorophenol	7.77	162	217615	50.51	ng		92
30) 1,2,4-Trichlorobenzene	7.84	180	219128	46.71	ng		98
31) Naphthalene	7.91	128	715997	45.88	ng		99
32) Benzoic acid	7.71	122	50174	17.66	ng		95
33) 4-Chloroaniline	7.98	127	230927	33.14	ng		94
34) Hexachlorobutadiene	8.03	225	113778	45.99	ng		99
35) Caprolactam	8.36	113	78587m	55.07	ng		
36) 4-Chloro-3-methylphenol	8.48	107	235230	51.06	ng		96
37) 2-Methylnaphthalene	8.60	142	471348m	45.82	ng		
39) 1,2,4,5-Tetrachlorobenzene	8.78	216	205175	57.78	ng	#	1
40) Hexachlorocyclopentadiene	8.75	237	87213	35.85	ng		100
42) 2,4,6-Trichlorophenol	8.89	196	133633	44.30	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.95	196	144003	45.89	ng		95
45) 1,1'-Biphenyl	9.07	154	600356	54.31	ng		97
46) 2-Chloronaphthalene	9.10	162	465033	47.65	ng		95
47) 2-Nitroaniline	9.20	65	121045	42.04	ng		91
48) Acenaphthylene	9.51	152	694423	44.73	ng		99
49) Dimethylphthalate	9.38	163	706502	64.66	ng		99
50) 2,6-Dinitrotoluene	9.45	165	128512	51.36	ng		99
51) Acenaphthene	9.68	154	424736	43.85	ng		99
52) 3-Nitroaniline	9.61	138	103253	35.76	ng		99
53) 2,4-Dinitrophenol	9.74	184	57680	47.50	ng	#	75
54) Dibenzofuran	9.85	168	578476	43.37	ng		91
55) 4-Nitrophenol	9.80	139	134765	60.14	ng	#	86
56) 2,4-Dinitrotoluene	9.85	165	138007	42.92	ng	#	52
57) Fluorene	10.19	166	468696	52.84	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.98	232	111011	45.02	ng	#	57
59) Diethylphthalate	10.08	149	527661	47.71	ng		99
60) 4-Chlorophenyl-phenylether	10.18	204	188414	42.48	ng		93
61) 4-Nitroaniline	10.23	138	132018	48.20	ng		97
62) Azobenzene	10.34	77	505922	46.26	ng		96
64) 4,6-Dinitro-2-methylphenol	10.26	198	82345	49.64	ng	#	70
65) n-Nitrosodiphenylamine	10.31	169	427393	48.55	ng		99
66) 4-Bromophenyl-phenylether	10.67	248	138229	48.57	ng		92
67) Hexachlorobenzene	10.73	284	134198	45.38	ng		97
68) Atrazine	10.84	200	134997	50.64	ng		98
69) Pentachlorophenol	10.94	266	103997	66.71	ng		98
70) Phenanthrene	11.14	178	652633	46.88	ng		100
71) Anthracene	11.20	178	706229	50.29	ng		99
72) Carbazole	11.36	167	699478	53.23	ng		99
73) Di-n-butylphthalate	11.69	149	767458	46.13	ng		99
74) Fluoranthene	12.32	202	678313	46.17	ng		97
76) Benzidine	12.46	184	335476	59.49	ng		98
77) Pyrene	12.55	202	651801	43.13	ng		99
79) Butylbenzylphthalate	13.18	149	336122	50.31	ng		93
80) Benzo(a)anthracene	13.74	228	482602	41.58	ng		99
81) 3,3'-Dichlorobenzidine	13.70	252	132429	42.43	ng	#	97
82) Chrysene	13.77	228	528966	48.45	ng		99
83) Bis(2-ethylhexyl)phthalate	13.74	149	382878	47.07	ng		99
84) Di-n-octyl phthalate	14.34	149	704685	53.32	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.37	276	433345	42.72	ng	#	100
87) Benzo(b)fluoranthene	14.74	252	474416m	40.47	ng		
88) Benzo(k)fluoranthene	14.77	252	429516m	48.57	ng		
89) Benzo(a)pyrene	15.05	252	443673	46.78	ng		99
90) Dibenzo(a,h)anthracene	16.37	278	363353	41.25	ng		98
91) Benzo(g,h,i)perylene	16.73	276	381708	42.13	ng		97

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

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