Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070316\
Data File : BF088666.D
Acq On : 4 Jul 2016 00:18
Operator : UM/SJ
Sample : H3817-08MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BS-2C-8.5-9FTMSD

Manual Integrations APPROVED
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7/5/2016 7:51:29 PM

Quant Time: Jul 04 06:48:55 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 30 18:01:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	127243	20.00	ng		-0.02
21) Naphthalene-d8	8.07	136	463236	20.00	ng		-0.03
38) Acenaphthene-d10	9.82	164	217980	20.00	ng		-0.03
63) Phenanthrene-d10	11.29	188	456962	20.00	ng		-0.03
75) Chrysene-d12	13.92	240	293914	20.00	ng		-0.03
86) Perylene-d12	15.31	264	281271	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.39	112	943894	111.17	ng		-0.01
7) Phenol-d6	6.42	99	1163399	106.05	ng		-0.02
23) Nitrobenzene-d5	7.35	82	745912	84.38	ng		-0.03
41) 2,4,6-Tribromophenol	10.60	330	235290	116.24	ng		-0.03
44) 2-Fluorobiphenyl	9.14	172	973407	70.54	ng		-0.03
78) Terphenyl-d14	12.88	244	799808	60.61	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	132839	31.56	ng	#	34
3) Pyridine	3.08	79	198381	16.24	ng		92
4) n-Nitrosodimethylamine	3.02	42	87463	18.74	ng		87
6) Aniline	6.44	93	209571	13.11	ng		93
8) 2-Chlorophenol	6.57	128	214991	23.56	ng		92
9) Benzaldehyde	6.32	77	136756	18.40	ng	#	79
10) Phenol	6.43	94	215174	17.19	ng	#	60
11) bis(2-Chloroethyl)ether	6.52	93	207004	22.17	ng		90
12) 1,3-Dichlorobenzene	6.72	146	190320m	18.95	ng		
13) 1,4-Dichlorobenzene	6.80	146	199410	20.01	ng		96
14) 1,2-Dichlorobenzene	6.96	146	190583	20.43	ng		97
15) Benzyl Alcohol	6.92	79	187961	23.28	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.07	45	266232	19.69	ng		90
17) 2-Methylphenol	7.04	107	166509	22.37	ng		97
18) Hexachloroethane	7.30	117	75717	19.64	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	144260	19.58	ng		94
20) 3+4-Methylphenols	7.20	107	216264	24.21	ng	#	85
22) Acetophenone	7.20	105	291428	25.92	ng	#	90
24) Nitrobenzene	7.37	77	243975	27.37	ng		93
25) Isophorone	7.61	82	421504	25.74	ng		100
26) 2-Nitrophenol	7.68	139	97986	26.81	ng		92
27) 2,4-Dimethylphenol	7.72	122	170566	22.41	ng		90
28) bis(2-Chloroethoxy)methane	7.83	93	254581	23.89	ng	#	95
29) 2,4-Dichlorophenol	7.93	162	152766	24.83	ng		93
30) 1,2,4-Trichlorobenzene	8.01	180	143502	21.26	ng		99
31) Naphthalene	8.09	128	527138	23.08	ng		99
32) Benzoic acid	7.80	122	33059	5.98	ng		96
33) 4-Chloroaniline	8.14	127	121495	11.96	ng		97
34) Hexachlorobutadiene	8.22	225	74848	20.71	ng		99
35) Caprolactam	8.49	113	50416m	24.13	ng		
36) 4-Chloro-3-methylphenol	8.63	107	169457	23.29	ng		91
37) 2-Methylnaphthalene	8.78	142	302573	20.58	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	130925	18.06	ng	#	1
40) Hexachlorocyclopentadiene	8.94	237	170641	47.95	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	105252	22.02	ng		99
43) 2,4,5-Trichlorophenol	9.10	196	109665	26.66	ng	#	93
45) 1,1'-Biphenyl	9.24	154	400876	22.21	ng		99
46) 2-Chloronaphthalene	9.27	162	310882	21.94	ng		99
47) 2-Nitroaniline	9.36	65	114337	22.74	ng		98
48) Acenaphthylene	9.68	152	495979	22.00	ng		99
49) Dimethylphthalate	9.54	163	518310	33.38	ng		99
50) 2,6-Dinitrotoluene	9.60	165	79813	23.19	ng	#	35
51) Acenaphthene	9.85	154	331985	24.02	ng		100
52) 3-Nitroaniline	9.77	138	76578	17.50	ng		88
53) 2,4-Dinitrophenol	9.87	184	75936	49.97	ng		94
54) Dibenzofuran	10.02	168	411595	22.75	ng	#	89
55) 4-Nitrophenol	9.93	139	221445	66.60	ng		91
56) 2,4-Dinitrotoluene	10.00	165	111547	24.79	ng	#	40
57) Fluorene	10.36	166	327063	23.46	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.14	232	79629	25.02	ng	#	50
59) Diethylphthalate	10.25	149	395830	25.40	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	135128	20.86	ng	#	86
61) 4-Nitroaniline	10.38	138	80512	19.12	ng		84
62) Azobenzene	10.51	77	415251	23.36	ng		91
64) 4,6-Dinitro-2-methylphenol	10.41	198	51229	20.96	ng	#	73
65) n-Nitrosodiphenylamine	10.48	169	331699	21.45	ng		100
66) 4-Bromophenyl-phenylether	10.84	248	87327	18.96	ng	#	81
67) Hexachlorobenzene	10.91	284	97229	19.07	ng	#	77
68) Atrazine	11.00	200	103051	21.38	ng		93
69) Pentachlorophenol	11.11	266	184438	61.14	ng		99
70) Phenanthrene	11.32	178	488866	19.57	ng		98
71) Anthracene	11.37	178	513585	20.68	ng		99
72) Carbazole	11.52	167	496791	21.25	ng		99
73) Di-n-butylphthalate	11.86	149	511293	18.80	ng		99
74) Fluoranthene	12.50	202	465134	18.37	ng		96
76) Benzidine	12.63	184	334354	22.51	ng		98
77) Pyrene	12.73	202	444747	17.85	ng		98
79) Butylbenzylphthalate	13.36	149	202888	18.25	ng		98
80) Benzo(a)anthracene	13.91	228	337646	17.84	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	103060	14.48	ng	#	97
82) Chrysene	13.94	228	300008	16.02	ng		98
83) Bis(2-ethylhexyl)phthalate	13.92	149	271392	21.38	ng	#	100
84) Di-n-octyl phthalate	14.53	149	473743	21.97	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.64	276	275515	19.13	ng	#	100
87) Benzo(b)fluoranthene	14.91	252	378348m	21.44	ng		
88) Benzo(k)fluoranthene	14.95	252	200743m	13.07	ng		
89) Benzo(a)pyrene	15.25	252	258273	17.29	ng		98
90) Dibenzo(a,h)anthracene	16.65	278	236474	18.96	ng		98
91) Benzo(g,h,i)perylene	17.04	276	227301	17.61	ng		96

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

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