Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070516\
Data File : BF088718.D
Acq On : 5 Jul 2016 22:38
Operator : UM/SJ
Sample : H3871-11MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : K8-B2(0-11)CMS

Manual Integrations APPROVED
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Quant Time: Jul 06 02:13:37 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 17:15:08 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	99245	20.00	ng		0.00
21) Naphthalene-d8	8.06	136	401875	20.00	ng		-0.01
38) Acenaphthene-d10	9.80	164	193232	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	364434	20.00	ng		0.00
75) Chrysene-d12	13.91	240	258925	20.00	ng		-0.01
86) Perylene-d12	15.29	264	192758	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	625765	94.50	ng		0.01
7) Phenol-d6	6.41	99	735049	85.90	ng		0.00
23) Nitrobenzene-d5	7.34	82	490824	64.00	ng		-0.01
41) 2,4,6-Tribromophenol	10.59	330	177135	98.72	ng		-0.01
44) 2-Fluorobiphenyl	9.14	172	906928	74.14	ng		0.00
78) Terphenyl-d14	12.87	244	711313	61.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	64478	19.64	ng	#	31
3) Pyridine	3.07	79	119779	12.57	ng		91
4) n-Nitrosodimethylamine	3.00	42	55710	15.31	ng		89
6) Aniline	6.43	93	164737	13.21	ng		96
8) 2-Chlorophenol	6.56	128	143611	20.18	ng		90
9) Benzaldehyde	6.32	77	87471	15.09	ng		99
10) Phenol	6.42	94	167460	17.15	ng	#	67
11) bis(2-Chloroethyl)ether	6.51	93	142933	19.63	ng		89
12) 1,3-Dichlorobenzene	6.71	146	132613	16.93	ng	#	92
13) 1,4-Dichlorobenzene	6.79	146	135246	17.40	ng		94
14) 1,2-Dichlorobenzene	6.95	146	134749	18.52	ng		96
15) Benzyl Alcohol	6.91	79	127968	20.32	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.06	45	171186	16.23	ng		90
17) 2-Methylphenol	7.03	107	112616	19.40	ng		96
18) Hexachloroethane	7.29	117	54909	18.26	ng		97
19) n-Nitroso-di-n-propylamine	7.19	70	99565	17.32	ng		92
20) 3+4-Methylphenols	7.19	107	148640	21.33	ng	#	84
22) Acetophenone	7.19	105	200754	20.58	ng	#	90
24) Nitrobenzene	7.36	77	162316	20.99	ng		94
25) Isophorone	7.60	82	292527	20.59	ng		99
26) 2-Nitrophenol	7.68	139	70962	22.38	ng	#	77
27) 2,4-Dimethylphenol	7.71	122	123373	18.68	ng		89
28) bis(2-Chloroethoxy)methane	7.82	93	194495	21.04	ng	#	96
29) 2,4-Dichlorophenol	7.92	162	118602	22.22	ng		95
30) 1,2,4-Trichlorobenzene	8.00	180	113991	19.46	ng		99
31) Naphthalene	8.08	128	408984	20.64	ng		99
32) Benzoic acid	7.79	122	29654	6.18	ng		90
33) 4-Chloroaniline	8.12	127	130761	14.83	ng		95
34) Hexachlorobutadiene	8.20	225	66028	21.05	ng		98
35) Caprolactam	8.48	113	36917m	20.37	ng		
36) 4-Chloro-3-methylphenol	8.62	107	136366	21.61	ng		96
37) 2-Methylnaphthalene	8.76	142	261671	20.51	ng	#	94
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	111437	17.34	ng	#	1
40) Hexachlorocyclopentadiene	8.92	237	128460	40.72	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	86026	20.30	ng		99
43) 2,4,5-Trichlorophenol	9.08	196	90228	24.75	ng	#	92
45) 1,1'-Biphenyl	9.23	154	341123	21.32	ng		99
46) 2-Chloronaphthalene	9.26	162	263747	21.00	ng		99
47) 2-Nitroaniline	9.35	65	86002	19.29	ng		97
48) Acenaphthylene	9.67	152	409487	20.49	ng		99
49) Dimethylphthalate	9.54	163	418890	30.43	ng		97
50) 2,6-Dinitrotoluene	9.60	165	67626	22.16	ng		95
51) Acenaphthene	9.84	154	259904	21.21	ng		98
52) 3-Nitroaniline	9.76	138	71566	18.45	ng		99
53) 2,4-Dinitrophenol	9.86	184	33005	24.50	ng		90
54) Dibenzofuran	10.01	168	356133	22.21	ng	#	89
55) 4-Nitrophenol	9.93	139	163313	55.41	ng	#	69
56) 2,4-Dinitrotoluene	10.00	165	89060	22.33	ng		94
57) Fluorene	10.35	166	292218	23.65	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.12	232	60863	21.58	ng	#	49
59) Diethylphthalate	10.24	149	321676	23.28	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	128751	22.42	ng		89
61) 4-Nitroaniline	10.36	138	63584	17.04	ng		85
62) Azobenzene	10.50	77	347295	22.04	ng		90
64) 4,6-Dinitro-2-methylphenol	10.40	198	26297	13.49	ng	#	81
65) n-Nitrosodiphenylamine	10.47	169	265500	21.53	ng		99
66) 4-Bromophenyl-phenylether	10.83	248	77157	21.01	ng	#	78
67) Hexachlorobenzene	10.90	284	88057	21.66	ng	#	82
68) Atrazine	10.99	200	73916	19.23	ng		91
69) Pentachlorophenol	11.10	266	103521	43.03	ng		98
70) Phenanthrene	11.31	178	411933	20.68	ng		98
71) Anthracene	11.36	178	425474	21.48	ng		98
72) Carbazole	11.52	167	374468	20.09	ng		97
73) Di-n-butylphthalate	11.85	149	450177	20.76	ng		99
74) Fluoranthene	12.49	202	440992	21.84	ng		97
76) Benzidine	12.62	184	295890	22.61	ng		98
77) Pyrene	12.72	202	431074	19.64	ng		98
79) Butylbenzylphthalate	13.35	149	191491	19.55	ng		96
80) Benzo(a)anthracene	13.90	228	326957	19.61	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	92770	14.80	ng	#	96
82) Chrysene	13.93	228	288481	17.49	ng		98
83) Bis(2-ethylhexyl)phthalate	13.91	149	255680	22.87	ng	#	99
84) Di-n-octyl phthalate	14.51	149	386151	20.33	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.62	276	245642	19.36	ng	#	100
87) Benzo(b)fluoranthene	14.90	252	231327m	19.13	ng		
88) Benzo(k)fluoranthene	14.94	252	239047m	22.71	ng		
89) Benzo(a)pyrene	15.23	252	215677	21.07	ng		99
90) Dibenzo(a,h)anthracene	16.64	278	206854	24.20	ng		96
91) Benzo(g,h,i)perylene	17.02	276	210842	23.83	ng		98

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

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