Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
Data File : BF092208.D
Acq On : 12 Jan 2017 15:17
Operator : UM/SJ
Sample : I1029-03MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COMP-002MSD

Manual Integrations APPROVED

Quant Time: Jan 13 13:47:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 12 16:14:19 2017
Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	196434	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	665994	20.00	ng		0.01
38) Acenaphthene-d10	9.64	164	359292	20.00	ng		0.01
63) Phenanthrene-d10	11.11	188	589419	20.00	ng		0.00
75) Chrysene-d12	13.74	240	388516	20.00	ng		0.01
86) Perylene-d12	15.09	264	328507	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	1158568	98.48	ng		0.00
7) Phenol-d6	6.26	99	1297568	90.34	ng		0.00
23) Nitrobenzene-d5	7.17	82	727382	60.73	ng		0.00
41) 2,4,6-Tribromophenol	10.42	330	294556	99.06	ng		0.00
44) 2-Fluorobiphenyl	8.96	172	1178604	64.03	ng		0.00
78) Terphenyl-d14	12.69	244	1150534	71.82	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	139757	24.13	ng		92
3) Pyridine	2.74	79	137409m	6.80	ng		
4) n-Nitrosodimethylamine	2.68	42	174000	22.82	ng		99
6) Aniline	6.25	93	327474	17.55	ng	#	50
8) 2-Chlorophenol	6.39	128	403447	30.15	ng		88
9) Benzaldehyde	6.14	77	28321	2.41	ng		97
10) Phenol	6.28	94	626797	38.30	ng	#	71
11) bis(2-Chloroethyl)ether	6.34	93	426544	32.75	ng		94
12) 1,3-Dichlorobenzene	6.53	146	415442m	29.08	ng		
13) 1,4-Dichlorobenzene	6.61	146	422549m	29.06	ng		
14) 1,2-Dichlorobenzene	6.77	146	417132	33.06	ng		98
15) Benzyl Alcohol	6.76	79	364192	32.63	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.89	45	611344	31.52	ng		69
17) 2-Methylphenol	6.88	107	352143	32.72	ng		94
18) Hexachloroethane	7.11	117	148800	27.60	ng		90
19) n-Nitroso-di-n-propylamine	7.02	70	310299	32.47	ng		98
20) 3+4-Methylphenols	7.04	107	461619	35.96	ng	#	70
22) Acetophenone	7.02	105	635110	38.66	ng	#	88
24) Nitrobenzene	7.19	77	389761	30.55	ng	#	85
25) Isophorone	7.17	82	727382	32.92	ng	#	65
26) 2-Nitrophenol	7.51	139	189090	30.06	ng	#	80
27) 2,4-Dimethylphenol	7.57	122	315999	30.29	ng		95
28) bis(2-Chloroethoxy)methane	7.65	93	452743	33.79	ng		99
29) 2,4-Dichlorophenol	7.76	162	292864	33.15	ng		95
30) 1,2,4-Trichlorobenzene	7.83	180	310057	32.03	ng		97
31) Naphthalene	7.90	128	965729	31.68	ng		99
32) Benzoic acid	7.67	122	27158	3.51	ng		94
33) 4-Chloroaniline	7.97	127	329988	24.01	ng		95
34) Hexachlorobutadiene	8.02	225	155761	30.48	ng		99
35) Caprolactam	8.33	113	62116m	21.39	ng		
36) 4-Chloro-3-methylphenol	8.47	107	333376	32.79	ng		93
37) 2-Methylnaphthalene	8.60	142	649713	31.75	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.77	216	294851	32.48	ng		99
40) Hexachlorocyclopentadiene	8.76	237	180988	46.52	ng		99

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Quant Time: Jan 13 13:47:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.88	196	186815m	29.43	ng		
43) 2,4,5-Trichlorophenol	8.94	196	189027	28.93	ng	#	88
45) 1,1'-Biphenyl	9.06	154	847843	34.46	ng		98
46) 2-Chloronaphthalene	9.09	162	626921	32.18	ng		96
47) 2-Nitroaniline	9.19	65	219544	31.65	ng		90
48) Acenaphthylene	9.50	152	968974	32.34	ng		98
49) Dimethylphthalate	9.37	163	885340	38.53	ng		99
50) 2,6-Dinitrotoluene	9.43	165	153604m	30.54	ng		
51) Acenaphthene	9.67	154	603815	29.72	ng		99
52) 3-Nitroaniline	9.60	138	175780	28.24	ng		90
53) 2,4-Dinitrophenol	9.72	184	96999	34.66	ng	#	74
54) Dibenzofuran	9.84	168	844803	30.80	ng		94
55) 4-Nitrophenol	9.80	139	221646	52.44	ng		92
56) 2,4-Dinitrotoluene	9.84	165	213268	33.78	ng		87
57) Fluorene	10.17	166	636044	31.87	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.97	232	169806	32.86	ng		97
59) Diethylphthalate	10.07	149	755611	33.86	ng		98
60) 4-Chlorophenyl-phenylether	10.17	204	285408	32.66	ng		97
61) 4-Nitroaniline	10.21	138	170574	26.44	ng		97
62) Azobenzene	10.33	77	826008	33.62	ng		97
64) 4,6-Dinitro-2-methylphenol	10.25	198	100517	28.20	ng		96
65) n-Nitrosodiphenylamine	10.30	169	623591	35.65	ng		99
66) 4-Bromophenyl-phenylether	10.42	248	18791	3.06	ng	#	1
67) Hexachlorobenzene	10.72	284	193845	29.58	ng	#	77
68) Atrazine	10.84	200	209303	37.10	ng		96
69) Pentachlorophenol	10.93	266	163334	50.79	ng		99
70) Phenanthrene	11.13	178	987642	30.90	ng		99
71) Anthracene	11.19	178	1035600m	33.56	ng		
72) Carbazole	11.35	167	979951	33.40	ng		97
73) Di-n-butylphthalate	11.68	149	1100665	35.48	ng		99
74) Fluoranthene	12.31	202	958055	33.16	ng		99
77) Pyrene	12.54	202	991624	34.79	ng		98
79) Butylbenzylphthalate	13.18	149	469073	36.18	ng	#	75
80) Benzo(a)anthracene	13.73	228	822905	37.52	ng		100
81) 3,3'-Dichlorobenzidine	13.69	252	226747	27.27	ng		98
82) Chrysene	13.76	228	598851m	27.22	ng		
83) Bis(2-ethylhexyl)phthalate	13.74	149	615832	40.33	ng	#	97
84) Di-n-octyl phthalate	14.35	149	980026	34.65	ng		98
85) Indeno(1,2,3-cd)pyrene	16.35	276	631002	33.11	ng		99
87) Benzo(b)fluoranthene	14.73	252	814177m	39.81	ng		
88) Benzo(k)fluoranthene	14.76	252	432649m	24.81	ng		
89) Benzo(a)pyrene	15.04	252	581943	32.06	ng		97
90) Dibenzo(a,h)anthracene	16.35	278	521123	34.93	ng		99
91) Benzo(g,h,i)perylene	16.71	276	542665	34.98	ng		97

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

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