Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071716\
Data File : BF089074.D
Acq On : 17 Jul 2016 13:11
Operator : UM/SJ
Sample : H4045-19MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : M9-B3(0-12)CMS

Quant Time: Jul 18 03:36:16 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 11 18:13:32 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	60223	20.00	ng		-0.05
21) Naphthalene-d8	7.94	136	240456	20.00	ng		-0.06
38) Acenaphthene-d10	9.69	164	110064	20.00	ng		-0.06
63) Phenanthrene-d10	11.16	188	206844	20.00	ng		-0.06
75) Chrysene-d12	13.79	240	135766	20.00	ng		-0.06
86) Perylene-d12	15.15	264	114108	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	408839	101.74	ng		-0.03
7) Phenol-d6	6.32	99	542470	104.48	ng		-0.03
23) Nitrobenzene-d5	7.23	82	388256	84.62	ng		-0.05
41) 2,4,6-Tribromophenol	10.49	330	112906	110.47	ng		-0.05
44) 2-Fluorobiphenyl	9.03	172	682746	97.98	ng		-0.05
78) Terphenyl-d14	12.75	244	485504	79.65	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.19	88	49826	25.01	ng	#	29
3) Pyridine	2.82	79	155768	26.94	ng		97
4) n-Nitrosodimethylamine	2.79	42	73671	33.36	ng		97
6) Aniline	6.32	93	200294	26.47	ng	#	57
8) 2-Chlorophenol	6.44	128	157211	36.40	ng		97
9) Benzaldehyde	6.19	77	58027	16.50	ng		83
10) Phenol	6.33	94	202559	34.18	ng	#	69
11) bis(2-Chloroethyl)ether	6.40	93	159762	36.15	ng		92
12) 1,3-Dichlorobenzene	6.59	146	161489m	33.98	ng		
13) 1,4-Dichlorobenzene	6.67	146	162918	34.54	ng		95
14) 1,2-Dichlorobenzene	6.83	146	171511	38.85	ng		96
15) Benzyl Alcohol	6.81	79	144441	37.80	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.95	45	179388	28.03	ng		75
17) 2-Methylphenol	6.94	107	136075	38.62	ng	#	92
18) Hexachloroethane	7.16	117	63589	34.85	ng	#	79
19) n-Nitroso-di-n-propylamine	7.08	70	117540	33.70	ng		94
20) 3+4-Methylphenols	7.10	107	188518	44.58	ng	#	75
22) Acetophenone	7.07	105	248608	42.60	ng	#	93
24) Nitrobenzene	7.24	77	165465	35.77	ng	#	80
25) Isophorone	7.50	82	341171	40.14	ng		99
26) 2-Nitrophenol	7.56	139	89348	47.10	ng		96
27) 2,4-Dimethylphenol	7.62	122	156212	39.53	ng		91
28) bis(2-Chloroethoxy)methane	7.70	93	205045	37.07	ng	#	94
29) 2,4-Dichlorophenol	7.82	162	144640	45.29	ng		96
30) 1,2,4-Trichlorobenzene	7.88	180	137117	39.13	ng		98
31) Naphthalene	7.96	128	442908	37.36	ng		100
32) Benzoic acid	7.70	122	6723	2.34	ng		96
33) 4-Chloroaniline	8.02	127	170253	32.28	ng		98
34) Hexachlorobutadiene	8.09	225	80632	42.97	ng		98
35) Caprolactam	8.40	113	45322m	41.79	ng		
36) 4-Chloro-3-methylphenol	8.52	107	165690	43.88	ng		97
37) 2-Methylnaphthalene	8.66	142	328839	43.08	ng	#	96
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	126284	34.50	ng	#	1
40) Hexachlorocyclopentadiene	8.81	237	78797	43.85	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.95	196	91198	37.78	ng		100
43) 2,4,5-Trichlorophenol	8.99	196	97304	46.86	ng		97
45) 1,1'-Biphenyl	9.12	154	337102	36.99	ng		99
46) 2-Chloronaphthalene	9.14	162	265744	37.14	ng		96
47) 2-Nitroaniline	9.24	65	105234	41.44	ng		97
48) Acenaphthylene	9.55	152	412945	36.27	ng		100
49) Dimethylphthalate	9.44	163	503983	64.27	ng		98
50) 2,6-Dinitrotoluene	9.50	165	81013	46.62	ng		96
51) Acenaphthene	9.72	154	255938	36.68	ng		98
52) 3-Nitroaniline	9.66	138	75319	34.09	ng		95
53) 2,4-Dinitrophenol	9.77	184	27982	36.47	ng	#	79
54) Dibenzofuran	9.90	168	367184	40.20	ng	#	87
55) 4-Nitrophenol	9.84	139	101981	60.74	ng		92
56) 2,4-Dinitrotoluene	9.90	165	111560	49.10	ng	#	58
57) Fluorene	10.24	166	303583	43.13	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.02	232	70682	43.99	ng	#	47
59) Diethylphthalate	10.12	149	333317	42.36	ng		97
60) 4-Chlorophenyl-phenylether	10.24	204	153549	46.95	ng		91
61) 4-Nitroaniline	10.27	138	85148	40.05	ng		93
62) Azobenzene	10.40	77	387688	43.19	ng		92
64) 4,6-Dinitro-2-methylphenol	10.31	198	38360	34.67	ng	#	53
65) n-Nitrosodiphenylamine	10.35	169	262829	37.54	ng		99
66) 4-Bromophenyl-phenylether	10.72	248	77458	37.16	ng	#	75
67) Hexachlorobenzene	10.79	284	85071	36.87	ng	#	91
68) Atrazine	10.89	200	93660	42.94	ng		93
69) Pentachlorophenol	10.98	266	71486	52.35	ng		98
70) Phenanthrene	11.20	178	454862	40.23	ng		97
71) Anthracene	11.24	178	452811	40.28	ng		99
72) Carbazole	11.40	167	456664	43.16	ng		99
73) Di-n-butylphthalate	11.75	149	520810	42.31	ng	#	97
74) Fluoranthene	12.38	202	460452	40.17	ng		94
76) Benzidine	12.50	184	221184	32.23	ng		97
77) Pyrene	12.59	202	407359	35.39	ng		99
79) Butylbenzylphthalate	13.22	149	185522	36.13	ng	#	70
80) Benzo(a)anthracene	13.78	228	322123	36.85	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	91537	27.85	ng	#	96
82) Chrysene	13.82	228	247277	28.59	ng		97
83) Bis(2-ethylhexyl)phthalate	13.79	149	256999	43.84	ng	#	99
84) Di-n-octyl phthalate	14.40	149	403260	40.49	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.42	276	280028	42.08	ng	#	100
87) Benzo(b)fluoranthene	14.78	252	357139m	49.89	ng		
88) Benzo(k)fluoranthene	14.81	252	176437m	28.31	ng		
89) Benzo(a)pyrene	15.10	252	243304	40.15	ng		99
90) Dibenzo(a,h)anthracene	16.43	278	226788	44.81	ng		98
91) Benzo(g,h,i)perylene	16.80	276	230342	43.98	ng		99

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

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