Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060916\
Data File : BF087861.D
Acq On : 9 Jun 2016 19:24
Operator : UM/SJ
Sample : H3380-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : U5-B1(0-12)CMS

Quant Time: Jun 10 02:22:57 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 07 18:51:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	119767	20.00	ng		-0.02
21) Naphthalene-d8	8.11	136	460251	20.00	ng		-0.01
38) Acenaphthene-d10	9.86	164	197619	20.00	ng		-0.02
63) Phenanthrene-d10	11.34	188	312944	20.00	ng		-0.02
75) Chrysene-d12	13.97	240	234043	20.00	ng		-0.02
86) Perylene-d12	15.37	264	187497	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	376033	53.67	ng		-0.01
7) Phenol-d6	6.47	99	902861	106.34	ng		-0.01
23) Nitrobenzene-d5	7.39	82	603892	76.62	ng		-0.02
41) 2,4,6-Tribromophenol	10.64	330	54856	26.29	ng		-0.03
44) 2-Fluorobiphenyl	9.19	172	922599	72.53	ng		-0.02
78) Terphenyl-d14	12.91	244	569730	55.39	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	90928	26.71	ng	#	34
3) Pyridine	3.14	79	289384	36.00	ng		100
4) n-Nitrosodimethylamine	3.10	42	121075	35.57	ng		87
6) Aniline	6.51	93	234631	19.42	ng		99
8) 2-Chlorophenol	6.60	128	218896	26.40	ng		95
9) Benzaldehyde	6.36	77	36394	5.36	ng		90
10) Phenol	6.48	94	345242	39.05	ng		96
11) bis(2-Chloroethyl)ether	6.56	93	255394	34.30	ng		92
12) 1,3-Dichlorobenzene	6.76	146	318051m	35.75	ng		
13) 1,4-Dichlorobenzene	6.84	146	300133	33.49	ng		95
14) 1,2-Dichlorobenzene	6.99	146	284193m	34.87	ng		
15) Benzyl Alcohol	6.97	79	247831	37.31	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.11	45	347778	34.58	ng		92
17) 2-Methylphenol	7.08	107	235973	35.09	ng		98
18) Hexachloroethane	7.34	117	157035	49.38	ng		92
19) n-Nitroso-di-n-propylamine	7.24	70	201968	37.18	ng		91
20) 3+4-Methylphenols	7.23	107	278870	35.54	ng	#	72
22) Acetophenone	7.23	105	383338	37.27	ng	#	88
24) Nitrobenzene	7.40	77	284696	37.29	ng	#	85
25) Isophorone	7.64	82	504505	34.56	ng		97
26) 2-Nitrophenol	7.72	139	67103	16.41	ng	#	79
27) 2,4-Dimethylphenol	7.77	122	288389	38.30	ng		97
28) bis(2-Chloroethoxy)methane	7.86	93	344679	38.07	ng	#	97
29) 2,4-Dichlorophenol	7.96	162	147488	23.46	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	234867	34.31	ng		96
31) Naphthalene	8.14	128	837601	36.78	ng		99
32) Benzoic acid	7.77	122	288389	69.55	ng	#	13
33) 4-Chloroaniline	8.18	127	174631	17.17	ng		97
34) Hexachlorobutadiene	8.25	225	126039	34.91	ng		100
35) Caprolactam	8.54	113	70375	33.79	ng	#	73
36) 4-Chloro-3-methylphenol	8.66	107	220399	32.78	ng		99
37) 2-Methylnaphthalene	8.82	142	635824	42.35	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	199679	36.44	ng	#	1
40) Hexachlorocyclopentadiene	8.97	237	31450	9.87	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	35140	8.89	ng		98
43) 2,4,5-Trichlorophenol	9.14	196	71341	17.35	ng		98
45) 1,1'-Biphenyl	9.28	154	560148	36.61	ng		100
46) 2-Chloronaphthalene	9.30	162	438989	34.33	ng		100
47) 2-Nitroaniline	9.40	65	148304	39.31	ng	#	59
48) Acenaphthylene	9.71	152	711832	35.00	ng		100
49) Dimethylphthalate	9.59	163	712582	49.78	ng		100
50) 2,6-Dinitrotoluene	9.64	165	131673	40.16	ng	#	82
51) Acenaphthene	9.90	154	493842	38.92	ng		99
52) 3-Nitroaniline	9.80	138	109290	28.89	ng		98
54) Dibenzofuran	10.06	168	646792	37.01	ng	#	90
55) 4-Nitrophenol	9.96	139	19160	6.53	ng	#	83
56) 2,4-Dinitrotoluene	10.04	165	170665	40.51	ng		98
57) Fluorene	10.40	166	435764	35.93	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.18	232	15563	4.82	ng	#	55
59) Diethylphthalate	10.27	149	544209	37.56	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	211363	36.37	ng		91
61) 4-Nitroaniline	10.41	138	118137	32.92	ng		95
62) Azobenzene	10.55	77	486566	33.96	ng		93
64) 4,6-Dinitro-2-methylphenol	10.44	198	1135	2.72	ng		86
65) n-Nitrosodiphenylamine	10.51	169	442881	42.65	ng		99
66) 4-Bromophenyl-phenylether	10.88	248	127706	38.04	ng	#	78
67) Hexachlorobenzene	10.95	284	129040	36.99	ng		92
68) Atrazine	11.04	200	118225	37.60	ng		92
69) Pentachlorophenol	11.14	266	16380	8.91	ng		99
70) Phenanthrene	11.36	178	772058	47.02	ng		99
71) Anthracene	11.40	178	619007	37.37	ng		99
72) Carbazole	11.57	167	621818	40.11	ng		98
73) Di-n-butylphthalate	11.90	149	703647	35.86	ng		100
74) Fluoranthene	12.55	202	809784	46.73	ng		93
76) Benzidine	12.66	184	224042	34.57	ng		99
77) Pyrene	12.77	202	731113	42.10	ng		99
79) Butylbenzylphthalate	13.39	149	281851	36.71	ng		94
80) Benzo(a)anthracene	13.95	228	550287	41.26	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	112715	31.43	ng		99
82) Chrysene	13.99	228	552597	44.04	ng		99
83) Bis(2-ethylhexyl)phthalate	13.95	149	362960	38.83	ng	#	97
84) Di-n-octyl phthalate	14.56	149	649120	42.74	ng	#	100
85) Indeno(1,2,3-cd)pyrene	16.73	276	391059	33.55	ng	#	100
87) Benzo(b)fluoranthene	14.97	252	520029m	39.79	ng		
88) Benzo(k)fluoranthene	14.99	252	379140m	38.46	ng		
89) Benzo(a)pyrene	15.31	252	426113	40.30	ng	#	96
90) Dibenzo(a,h)anthracene	16.75	278	319909	32.58	ng		96
91) Benzo(g,h,i)perylene	17.14	276	332579	32.92	ng		97

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

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