Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095796.D
Acq On : 8 Jun 2017 22:06
Operator : SJ/MA
Sample : I3457-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S-17MS

Manual Integrations APPROVED
mohammad
6/9/2017 12:09:01 PM

Quant Time: Jun 09 02:44:44 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 05 16:15:31 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	69738	20.00	ng		-0.03
21) Naphthalene-d8	9.40	136	283431	20.00	ng		-0.04
38) Acenaphthene-d10	12.23	164	126738	20.00	ng		-0.03
63) Phenanthrene-d10	14.62	188	215245	20.00	ng		-0.03
75) Chrysene-d12	18.33	240	135942	20.00	ng		-0.02
86) Perylene-d12	20.00	264	127495	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	617045	140.99	ng		-0.01
7) Phenol-d6	6.94	99	726349	138.63	ng		-0.02
23) Nitrobenzene-d5	8.29	82	426014	93.35	ng		-0.03
41) 2,4,6-Tribromophenol	13.52	330	140999	125.74	ng		-0.03
44) 2-Fluorobiphenyl	11.19	172	713848	78.38	ng		-0.03
78) Terphenyl-d14	16.99	244	502607	91.76	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.75	88	68069	32.69	ng		96
3) Pyridine	2.29	79	167112	34.15	ng		92
4) n-Nitrosodimethylamine	2.26	42	74725	40.17	ng		81
6) Aniline	6.87	93	229771	33.52	ng		95
8) 2-Chlorophenol	7.05	128	205275	44.11	ng		95
9) Benzaldehyde	6.67	77	93063	26.33	ng		97
10) Phenol	6.96	94	259236	47.70	ng		88
11) bis(2-Chloroethyl)ether	7.02	93	180160	41.84	ng		95
12) 1,3-Dichlorobenzene	7.27	146	210257	39.92	ng		97
13) 1,4-Dichlorobenzene	7.40	146	223563	41.85	ng		97
14) 1,2-Dichlorobenzene	7.63	146	204430	41.52	ng		96
15) Benzyl Alcohol	7.67	79	163563	45.48	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.87	45	250094	41.34	ng		98
17) 2-Methylphenol	7.90	107	171244	43.85	ng		94
18) Hexachloroethane	8.15	117	70173	39.78	ng	#	87
19) n-Nitroso-di-n-propylamine	8.10	70	139307	41.96	ng		95
20) 3+4-Methylphenols	8.16	107	220440	44.47	ng	#	58
22) Acetophenone	8.06	105	279560	42.14	ng	#	83
24) Nitrobenzene	8.32	77	199274	40.88	ng		95
25) Isophorone	8.72	82	351964	41.30	ng		96
26) 2-Nitrophenol	8.83	139	112178	43.94	ng		99
27) 2,4-Dimethylphenol	8.98	122	180710	45.61	ng		97
28) bis(2-Chloroethoxy)methane	9.10	93	232721	41.43	ng		98
29) 2,4-Dichlorophenol	9.26	162	166077	43.53	ng		97
30) 1,2,4-Trichlorobenzene	9.33	180	163812	41.26	ng		98
31) Naphthalene	9.43	128	581135	40.85	ng		99
32) Benzoic acid	9.28	122	19806	12.26	ng		93
33) 4-Chloroaniline	9.59	127	173569	31.22	ng	#	91
34) Hexachlorobutadiene	9.66	225	82248	40.09	ng		98
35) Caprolactam	10.21	113	52894m	46.59	ng		
36) 4-Chloro-3-methylphenol	10.46	107	173568	43.46	ng		89
37) 2-Methylnaphthalene	10.56	142	386420	40.21	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.84	216	149371	39.38	ng		99
40) Hexachlorocyclopentadiene	10.82	237	49775	47.22	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.07	196	103901	42.60	ng		98
43) 2,4,5-Trichlorophenol	11.16	196	105830	40.80	ng		93
45) 1,1'-Biphenyl	11.33	154	425029	40.69	ng		97
46) 2-Chloronaphthalene	11.34	162	327186	40.09	ng		95
47) 2-Nitroaniline	11.56	65	98742	41.34	ng	#	83
48) Acenaphthylene	12.00	152	524777	37.60	ng		99
49) Dimethylphthalate	11.89	163	488035	50.72	ng		98
50) 2,6-Dinitrotoluene	11.98	165	86742	41.33	ng	#	86
51) Acenaphthene	12.28	154	311120	38.60	ng		100
52) 3-Nitroaniline	12.24	138	77890	31.85	ng		94
53) 2,4-Dinitrophenol	12.47	184	37078	35.15	ng	#	66
54) Dibenzofuran	12.57	168	476927	42.04	ng		98
55) 4-Nitrophenol	12.64	139	108892	76.48	ng	#	66
56) 2,4-Dinitrotoluene	12.65	165	119391	42.11	ng	#	91
57) Fluorene	13.12	166	382379	38.73	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.82	232	78588	44.28	ng	#	90
59) Diethylphthalate	13.03	149	376439	40.65	ng		99
60) 4-Chlorophenyl-phenylether	13.15	204	166157	38.70	ng		88
61) 4-Nitroaniline	13.24	138	88251	38.65	ng		95
62) Azobenzene	13.40	77	344427	41.04	ng		94
64) 4,6-Dinitro-2-methylphenol	13.32	198	44629	31.54	ng	#	68
65) n-Nitrosodiphenylamine	13.36	169	326312	42.19	ng		98
66) 4-Bromophenyl-phenylether	13.93	248	91863	41.07	ng		97
67) Hexachlorobenzene	14.01	284	89072	40.41	ng	#	85
68) Atrazine	14.29	200	93492	43.43	ng		97
69) Pentachlorophenol	14.37	266	65613	78.62	ng		94
70) Phenanthrene	14.66	178	654704	52.72	ng		98
71) Anthracene	14.74	178	537066	41.42	ng		99
72) Carbazole	15.04	167	491761	38.92	ng		97
73) Di-n-butylphthalate	15.63	149	559875	41.65	ng		98
74) Fluoranthene	16.44	202	653560	53.17	ng		98
76) Benzidine	16.66	184	198072	37.94	ng	#	92
77) Pyrene	16.74	202	631402	62.25	ng		98
79) Butylbenzylphthalate	17.66	149	202762	45.77	ng		90
80) Benzo(a)anthracene	18.32	228	390773	49.44	ng		100
81) 3,3'-Dichlorobenzidine	18.31	252	106448	37.88	ng	#	96
82) Chrysene	18.37	228	377864	47.84	ng		98
83) Bis(2-ethylhexyl)phthalate	18.42	149	320943	51.36	ng	#	98
84) Di-n-octyl phthalate	19.18	149	444110	43.13	ng		97
85) Indeno(1,2,3-cd)pyrene	21.17	276	339767	50.28	ng		99
87) Benzo(b)fluoranthene	19.60	252	365046	45.73	ng		98
88) Benzo(k)fluoranthene	19.63	252	319115m	41.82	ng		
89) Benzo(a)pyrene	19.94	252	341072	46.48	ng		98
90) Dibenzo(a,h)anthracene	21.17	278	259864	41.75	ng		98
91) Benzo(g,h,i)perylene	21.50	276	293470	46.25	ng		96

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

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