Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF060817\
Data File : BF095792.D
Acq On : 8 Jun 2017 19:58
Operator : SJ/MA
Sample : I3541-04MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3460MSD

Manual Integrations APPROVED
mohammad
6/9/2017 12:08:55 PM

Quant Time: Jun 09 11:43:13 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	64382	20.00	ng		-0.03
21) Naphthalene-d8	9.40	136	269754	20.00	ng		-0.04
38) Acenaphthene-d10	12.23	164	125514	20.00	ng		-0.03
63) Phenanthrene-d10	14.62	188	221573	20.00	ng		-0.03
75) Chrysene-d12	18.33	240	167894	20.00	ng		-0.02
86) Perylene-d12	20.00	264	128795	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	598420	148.11	ng		-0.01
7) Phenol-d6	6.94	99	724457	149.77	ng		-0.02
23) Nitrobenzene-d5	8.29	82	426037	98.09	ng		-0.03
41) 2,4,6-Tribromophenol	13.53	330	148037	133.31	ng		-0.02
44) 2-Fluorobiphenyl	11.19	172	821074	91.03	ng		-0.03
78) Terphenyl-d14	16.99	244	663511	98.08	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	1.76	88	75861	39.47	ng		96
3) Pyridine	2.30	79	203451	45.04	ng		98
4) n-Nitrosodimethylamine	2.28	42	82356	47.95	ng		80
6) Aniline	6.87	93	179114	28.30	ng		95
8) 2-Chlorophenol	7.05	128	219286	51.04	ng		96
9) Benzaldehyde	6.67	77	86663	26.56	ng		99
10) Phenol	6.96	94	278137	55.43	ng		85
11) bis(2-Chloroethyl)ether	7.02	93	193910	48.78	ng		97
12) 1,3-Dichlorobenzene	7.27	146	229045	47.10	ng		96
13) 1,4-Dichlorobenzene	7.39	146	232687	47.19	ng		97
14) 1,2-Dichlorobenzene	7.63	146	220502	48.51	ng		97
15) Benzyl Alcohol	7.67	79	175501	52.86	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.87	45	272563	48.81	ng		96
17) 2-Methylphenol	7.90	107	181164	50.25	ng		95
18) Hexachloroethane	8.15	117	77867	47.81	ng	#	86
19) n-Nitroso-di-n-propylamine	8.10	70	152200	49.65	ng		94
20) 3+4-Methylphenols	8.16	107	239256	52.28	ng	#	60
22) Acetophenone	8.06	105	305750	48.43	ng	#	85
24) Nitrobenzene	8.32	77	215363	46.42	ng		95
25) Isophorone	8.72	82	384246	47.38	ng		95
26) 2-Nitrophenol	8.83	139	119255	49.08	ng		98
27) 2,4-Dimethylphenol	8.98	122	189699	50.31	ng		98
28) bis(2-Chloroethoxy)methane	9.10	93	254409	47.59	ng		98
29) 2,4-Dichlorophenol	9.25	162	184337	50.76	ng		98
30) 1,2,4-Trichlorobenzene	9.33	180	181733	48.10	ng		98
31) Naphthalene	9.43	128	631616	46.65	ng		99
33) 4-Chloroaniline	9.59	127	111559	21.08	ng	#	91
34) Hexachlorobutadiene	9.66	225	88980	45.57	ng		97
35) Caprolactam	10.21	113	58540m	54.18	ng		
36) 4-Chloro-3-methylphenol	10.46	107	194072	51.05	ng		90
37) 2-Methylnaphthalene	10.56	142	434549	47.51	ng		97
39) 1,2,4,5-Tetrachlorobenzene	10.85	216	169991	45.25	ng		99
40) Hexachlorocyclopentadiene	10.82	237	85813	73.88	ng		99
42) 2,4,6-Trichlorophenol	11.07	196	109679	45.41	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	11.16	196	118058	45.96	ng	#	92
45) 1,1'-Biphenyl	11.33	154	483225	46.71	ng		97
46) 2-Chloronaphthalene	11.35	162	372757	46.12	ng		96
47) 2-Nitroaniline	11.56	65	111094	46.97	ng	#	85
48) Acenaphthylene	12.00	152	591268	42.78	ng		98
49) Dimethylphthalate	11.89	163	614505	64.48	ng		99
50) 2,6-Dinitrotoluene	11.99	165	98477	47.38	ng	#	84
51) Acenaphthene	12.28	154	351639	44.05	ng		99
52) 3-Nitroaniline	12.24	138	78849	32.56	ng		89
53) 2,4-Dinitrophenol	12.49	184	10038	14.31	ng	#	78
54) Dibenzofuran	12.57	168	546488	48.64	ng		96
55) 4-Nitrophenol	12.64	139	104297	74.12	ng	#	66
56) 2,4-Dinitrotoluene	12.65	165	136228	48.52	ng	#	91
57) Fluorene	13.12	166	430643	44.05	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.82	232	83235	47.35	ng	#	94
59) Diethylphthalate	13.04	149	426555	46.51	ng		99
60) 4-Chlorophenyl-phenylether	13.15	204	189811	44.64	ng		87
61) 4-Nitroaniline	13.24	138	106919	47.28	ng		94
62) Azobenzene	13.40	77	395761	47.61	ng		95
64) 4,6-Dinitro-2-methylphenol	13.32	198	37096	25.47	ng	#	73
65) n-Nitrosodiphenylamine	13.36	169	376207	47.25	ng		98
66) 4-Bromophenyl-phenylether	13.93	248	108144	46.96	ng		99
67) Hexachlorobenzene	14.02	284	105911	46.67	ng	#	92
68) Atrazine	14.29	200	109652	49.49	ng		97
69) Pentachlorophenol	14.37	266	59919	70.50	ng		93
70) Phenanthrene	14.66	178	608014	47.56	ng		98
71) Anthracene	14.74	178	616534	46.19	ng		98
72) Carbazole	15.04	167	584086	44.91	ng		98
73) Di-n-butylphthalate	15.63	149	666720	48.18	ng	#	98
74) Fluoranthene	16.43	202	609667	48.18	ng		98
76) Benzidine	16.66	184	228710	35.47	ng	#	92
77) Pyrene	16.74	202	620920	49.56	ng		99
79) Butylbenzylphthalate	17.66	149	276955	50.62	ng		88
80) Benzo(a)anthracene	18.33	228	464092	47.54	ng		99
81) 3,3'-Dichlorobenzidine	18.31	252	111042	32.00	ng	#	97
82) Chrysene	18.37	228	448193	45.94	ng		99
83) Bis(2-ethylhexyl)phthalate	18.42	149	385568	49.96	ng	#	99
84) Di-n-octyl phthalate	19.18	149	600278	47.20	ng		96
85) Indeno(1,2,3-cd)pyrene	21.17	276	355110	42.55	ng		100
87) Benzo(b)fluoranthene	19.60	252	377502	46.81	ng		98
88) Benzo(k)fluoranthene	19.63	252	365179	47.37	ng	#	95
89) Benzo(a)pyrene	19.94	252	347019	46.82	ng		99
90) Dibenzo(a,h)anthracene	21.17	278	291962	46.43	ng		99
91) Benzo(g,h,i)perylene	21.50	276	305657	47.68	ng		98

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

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