Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062117\
Data File : BF096107.D
Acq On : 22 Jun 2017 5:19
Operator : SJ/MA
Sample : I3759-03MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MSD

Manual Integrations APPROVED
mohammad
6/22/2017 6:02:57 PM

Quant Time: Jun 22 16:55:43 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	68783	20.00	ng		0.00
21) Naphthalene-d8	9.32	136	273415	20.00	ng		0.00
38) Acenaphthene-d10	12.15	164	108284	20.00	ng		0.00
63) Phenanthrene-d10	14.54	188	170151	20.00	ng		0.00
75) Chrysene-d12	18.27	240	133129	20.00	ng		0.00
86) Perylene-d12	19.94	264	92959	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	581162	134.63	ng		0.03
7) Phenol-d6	6.88	99	680155	131.62	ng		0.00
23) Nitrobenzene-d5	8.22	82	418425	95.04	ng		0.00
41) 2,4,6-Tribromophenol	13.45	330	121157	126.46	ng		0.00
44) 2-Fluorobiphenyl	11.10	172	765215	98.34	ng		0.00
78) Terphenyl-d14	16.92	244	585168	109.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.76	88	82377m	40.12	ng		
3) Pyridine	2.31	79	111771	23.16	ng		99
4) n-Nitrosodimethylamine	2.22	42	90848	49.51	ng		81
6) Aniline	6.82	93	59115	8.74	ng		96
8) 2-Chlorophenol	6.99	128	213008	46.41	ng		96
9) Benzaldehyde	6.62	77	65388	18.76	ng		97
10) Phenol	6.90	94	228359	42.60	ng		93
11) bis(2-Chloroethyl)ether	6.94	93	202548	47.70	ng		96
12) 1,3-Dichlorobenzene	7.19	146	222961	42.92	ng		99
13) 1,4-Dichlorobenzene	7.32	146	226942	43.08	ng		94
14) 1,2-Dichlorobenzene	7.55	146	213957	44.05	ng		94
15) Benzyl Alcohol	7.61	79	149959	42.28	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.79	45	274576	46.02	ng		98
17) 2-Methylphenol	7.85	107	172497	44.78	ng		94
18) Hexachloroethane	8.06	117	60178	34.59	ng	#	87
19) n-Nitroso-di-n-propylamine	8.03	70	149190	45.56	ng		93
20) 3+4-Methylphenols	8.13	107	224560	45.93	ng	#	58
22) Acetophenone	7.99	105	299913	46.86	ng	#	83
24) Nitrobenzene	8.25	77	210184	44.69	ng		94
25) Isophorone	8.65	82	368954	44.88	ng		96
26) 2-Nitrophenol	8.76	139	88175	35.81	ng		99
27) 2,4-Dimethylphenol	8.92	122	185557	48.55	ng		98
28) bis(2-Chloroethoxy)methane	9.03	93	244698	45.16	ng		99
29) 2,4-Dichlorophenol	9.21	162	155628	42.28	ng		96
30) 1,2,4-Trichlorobenzene	9.26	180	167144	43.64	ng		98
31) Naphthalene	9.36	128	604127	44.03	ng		100
32) Benzoic acid	9.29	122	45549	22.15	ng		96
33) 4-Chloroaniline	9.60	127	42363m	7.90	ng		
34) Hexachlorobutadiene	9.57	225	84320	42.61	ng		96
35) Caprolactam	10.16	113	39004m	35.61	ng		
36) 4-Chloro-3-methylphenol	10.41	107	165014	42.83	ng		86
37) 2-Methylnaphthalene	10.49	142	403331	43.50	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.77	216	151388	46.71	ng		98
40) Hexachlorocyclopentadiene	10.73	237	1632	12.62	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.01	196	99377	47.69	ng		94
43) 2,4,5-Trichlorophenol	11.12	196	97218	43.86	ng		94
45) 1,1'-Biphenyl	11.25	154	435878	48.84	ng		98
46) 2-Chloronaphthalene	11.27	162	325470	46.67	ng		97
47) 2-Nitroaniline	11.50	65	100000	49.01	ng	#	78
48) Acenaphthylene	11.92	152	489493	41.05	ng		98
49) Dimethylphthalate	11.81	163	400971	48.77	ng		98
50) 2,6-Dinitrotoluene	11.91	165	69764	38.90	ng	#	64
51) Acenaphthene	12.20	154	292119	42.42	ng		97
52) 3-Nitroaniline	12.19	138	55894	26.75	ng		86
54) Dibenzofuran	12.49	168	447045	46.12	ng		98
55) 4-Nitrophenol	12.66	139	59310	50.43	ng	#	79
56) 2,4-Dinitrotoluene	12.59	165	88912	36.71	ng	#	90
57) Fluorene	13.04	166	349594	41.45	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.75	232	67670	44.62	ng	#	87
59) Diethylphthalate	12.95	149	375913	47.51	ng		99
60) 4-Chlorophenyl-phenylether	13.07	204	158468	43.20	ng		89
61) 4-Nitroaniline	13.18	138	83490	42.80	ng		92
62) Azobenzene	13.32	77	313929	43.78	ng		95
65) n-Nitrosodiphenylamine	13.28	169	271109	44.34	ng		99
66) 4-Bromophenyl-phenylether	13.85	248	86270	48.79	ng		98
67) Hexachlorobenzene	13.93	284	82235	47.19	ng	#	87
68) Atrazine	14.20	200	61160	35.94	ng		96
69) Pentachlorophenol	14.31	266	41165	63.76	ng		95
70) Phenanthrene	14.57	178	466506	47.52	ng		98
71) Anthracene	14.66	178	475532	46.40	ng		97
72) Carbazole	14.97	167	437633	43.81	ng		97
73) Di-n-butylphthalate	15.56	149	549290	51.69	ng		98
74) Fluoranthene	16.36	202	484100	49.82	ng		99
76) Benzidine	16.61	184	51417	10.06	ng	#	92
77) Pyrene	16.67	202	493686	49.70	ng		99
79) Butylbenzylphthalate	17.59	149	232531	53.60	ng		88
80) Benzo(a)anthracene	18.26	228	369731	47.77	ng		99
81) 3,3'-Dichlorobenzidine	18.25	252	33830	12.29	ng		96
82) Chrysene	18.30	228	356487	46.09	ng		99
83) Bis(2-ethylhexyl)phthalate	18.34	149	326259	53.31	ng	#	99
84) Di-n-octyl phthalate	19.11	149	528200	52.38	ng		97
85) Indeno(1,2,3-cd)pyrene	21.10	276	248790	37.59	ng		99
87) Benzo(b)fluoranthene	19.54	252	282465	48.53	ng		96
88) Benzo(k)fluoranthene	19.56	252	273036	49.07	ng		96
89) Benzo(a)pyrene	19.89	252	252020	47.11	ng		97
90) Dibenzo(a,h)anthracene	21.10	278	209958	46.26	ng		98
91) Benzo(g,h,i)perylene	21.43	276	204058	44.10	ng		97

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

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