Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061617\
Data File : BF095965.D
Acq On : 16 Jun 2017 20:17
Operator : SJ/MA
Sample : I3676-03MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-09-6-7MSD

Manual Integrations APPROVED
mohammad
6/19/2017 3:47:28 PM

Quant Time: Jun 17 00:11:52 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 17:12:03 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	64547	20.00	ng		0.00
21) Naphthalene-d8	9.35	136	267464	20.00	ng		0.00
38) Acenaphthene-d10	12.17	164	120474	20.00	ng		0.00
63) Phenanthrene-d10	14.57	188	199108	20.00	ng		0.00
75) Chrysene-d12	18.29	240	128555	20.00	ng		0.00
86) Perylene-d12	19.96	264	133659	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.23	112	656014	161.95	ng		0.01
7) Phenol-d6	6.91	99	768360	158.44	ng		0.00
23) Nitrobenzene-d5	8.25	82	456886	106.09	ng		0.00
41) 2,4,6-Tribromophenol	13.48	330	153601	144.10	ng		0.00
44) 2-Fluorobiphenyl	11.14	172	815270	94.17	ng		0.00
78) Terphenyl-d14	16.94	244	550012	106.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.70	88	81401	42.24	ng		93
3) Pyridine	2.23	79	202279	44.66	ng		97
4) n-Nitrosodimethylamine	2.21	42	89479	51.97	ng		86
6) Aniline	6.82	93	272869	43.01	ng		96
8) 2-Chlorophenol	7.02	128	235964	54.79	ng		96
9) Benzaldehyde	6.64	77	68939	21.07	ng		99
10) Phenol	6.93	94	301029	59.84	ng		88
11) bis(2-Chloroethyl)ether	6.97	93	214404	53.80	ng		97
12) 1,3-Dichlorobenzene	7.22	146	246408	50.54	ng		98
13) 1,4-Dichlorobenzene	7.35	146	249716	50.51	ng		96
14) 1,2-Dichlorobenzene	7.58	146	234027	51.35	ng		96
15) Benzyl Alcohol	7.64	79	189816	57.03	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.82	45	290823	51.94	ng		95
17) 2-Methylphenol	7.87	107	196380	54.33	ng		97
18) Hexachloroethane	8.10	117	83228	50.97	ng	#	85
19) n-Nitroso-di-n-propylamine	8.07	70	163913	53.34	ng		92
20) 3+4-Methylphenols	8.13	107	251998	54.92	ng	#	59
22) Acetophenone	8.02	105	328498	52.47	ng	#	82
24) Nitrobenzene	8.27	77	232839	50.61	ng		94
25) Isophorone	8.68	82	410615	51.06	ng		96
26) 2-Nitrophenol	8.79	139	130005	53.97	ng		98
27) 2,4-Dimethylphenol	8.95	122	202553	54.18	ng		97
28) bis(2-Chloroethoxy)methane	9.06	93	267521	50.47	ng		98
29) 2,4-Dichlorophenol	9.22	162	195678	54.35	ng		97
30) 1,2,4-Trichlorobenzene	9.29	180	190328	50.80	ng		100
31) Naphthalene	9.39	128	664455	49.50	ng		99
33) 4-Chloroaniline	9.55	127	202969	38.69	ng	#	94
34) Hexachlorobutadiene	9.61	225	92684	47.88	ng		98
35) Caprolactam	10.18	113	60724m	56.68	ng		
36) 4-Chloro-3-methylphenol	10.43	107	202501	53.73	ng		89
37) 2-Methylnaphthalene	10.52	142	452650	49.91	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.80	216	174405	48.37	ng		99
40) Hexachlorocyclopentadiene	10.77	237	45536	45.87	ng		98
42) 2,4,6-Trichlorophenol	11.03	196	122041	52.64	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	11.13	196	115978	47.03	ng		95
45) 1,1'-Biphenyl	11.29	154	493168	49.67	ng		98
46) 2-Chloronaphthalene	11.30	162	381547	49.18	ng		96
47) 2-Nitroaniline	11.53	65	116282	51.22	ng	#	79
48) Acenaphthylene	11.94	152	593646	44.75	ng		99
49) Dimethylphthalate	11.84	163	567854	62.08	ng		100
50) 2,6-Dinitrotoluene	11.94	165	97585	48.91	ng	#	69
51) Acenaphthene	12.23	154	355259	46.37	ng		98
52) 3-Nitroaniline	12.20	138	92643	39.85	ng		91
53) 2,4-Dinitrophenol	12.46	184	26263m	27.84	ng		
54) Dibenzofuran	12.52	168	550417	51.04	ng		99
55) 4-Nitrophenol	12.63	139	124206	90.85	ng	#	71
56) 2,4-Dinitrotoluene	12.61	165	139029	51.59	ng	#	90
57) Fluorene	13.07	166	430485	45.87	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.77	232	96435	57.16	ng	#	91
59) Diethylphthalate	12.99	149	437907	49.74	ng		100
60) 4-Chlorophenyl-phenylether	13.10	204	192037	47.06	ng		88
61) 4-Nitroaniline	13.22	138	101295	46.67	ng		96
62) Azobenzene	13.36	77	401250	50.29	ng		93
64) 4,6-Dinitro-2-methylphenol	13.29	198	47089	35.98	ng		76
65) n-Nitrosodiphenylamine	13.32	169	374982	52.41	ng		99
66) 4-Bromophenyl-phenylether	13.87	248	108186	52.28	ng		99
67) Hexachlorobenzene	13.96	284	103971	50.99	ng	#	90
68) Atrazine	14.24	200	109970	55.23	ng		98
69) Pentachlorophenol	14.33	266	61059	79.06	ng		96
70) Phenanthrene	14.61	178	569641	49.58	ng		99
71) Anthracene	14.69	178	582747	48.59	ng		97
72) Carbazole	14.99	167	537182	45.96	ng		98
73) Di-n-butylphthalate	15.59	149	653241	52.53	ng		98
74) Fluoranthene	16.39	202	498950	43.88	ng		98
76) Benzidine	16.62	184	279840	56.68	ng	#	92
77) Pyrene	16.69	202	494257	51.53	ng		99
79) Butylbenzylphthalate	17.62	149	220167	52.56	ng		89
80) Benzo(a)anthracene	18.28	228	368222	49.27	ng		98
81) 3,3'-Dichlorobenzidine	18.27	252	124565	46.88	ng	#	94
82) Chrysene	18.32	228	366128	49.02	ng		99
83) Bis(2-ethylhexyl)phthalate	18.36	149	296766	50.22	ng		100
84) Di-n-octyl phthalate	19.13	149	481158	49.41	ng		96
85) Indeno(1,2,3-cd)pyrene	21.12	276	359735	56.29	ng		100
87) Benzo(b)fluoranthene	19.56	252	390778	46.69	ng		100
88) Benzo(k)fluoranthene	19.58	252	363052	45.38	ng		95
89) Benzo(a)pyrene	19.90	252	373647	48.57	ng		98
90) Dibenzo(a,h)anthracene	21.11	278	309271	47.40	ng		98
91) Benzo(g,h,i)perylene	21.44	276	294634	44.29	ng		98

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

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