Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF062217\
Data File : BF096118.D
Acq On : 22 Jun 2017 13:03
Operator : SJ/MA
Sample : I3759-03MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MS

Manual Integrations APPROVED
mohammad
6/26/2017 8:27:17 AM

Quant Time: Jun 22 16:38:32 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	7.27	152	70335	20.00	ng		-0.02
21) Naphthalene-d8	9.30	136	291302	20.00	ng		-0.02
38) Acenaphthene-d10	12.13	164	138960	20.00	ng		-0.02
63) Phenanthrene-d10	14.53	188	255063	20.00	ng		-0.01
75) Chrysene-d12	18.27	240	185465	20.00	ng		0.00
86) Perylene-d12	19.94	264	100525	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.19	112	594614	134.71	ng		0.00
7) Phenol-d6	6.86	99	706141	133.63	ng		-0.02
23) Nitrobenzene-d5	8.20	82	443812	94.62	ng		-0.02
41) 2,4,6-Tribromophenol	13.44	330	167404	136.16	ng		-0.01
44) 2-Fluorobiphenyl	11.09	172	885511	88.68	ng		-0.02
78) Terphenyl-d14	16.92	244	810688	108.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.74	88	91003m	43.34	ng		
3) Pyridine	2.29	79	166222m	33.68	ng		
4) n-Nitrosodimethylamine	2.20	42	86294	45.99	ng		81
6) Aniline	6.81	93	34082	4.93	ng		96
8) 2-Chlorophenol	6.97	128	221641	47.23	ng		98
9) Benzaldehyde	6.61	77	60535	16.98	ng		93
10) Phenol	6.88	94	240075	43.80	ng		93
11) bis(2-Chloroethyl)ether	6.92	93	204163	47.02	ng		96
12) 1,3-Dichlorobenzene	7.17	146	227205	42.77	ng		98
13) 1,4-Dichlorobenzene	7.30	146	230412	42.77	ng		96
14) 1,2-Dichlorobenzene	7.53	146	221063	44.51	ng		96
15) Benzyl Alcohol	7.60	79	143863	39.66	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.78	45	281690	46.17	ng		97
17) 2-Methylphenol	7.83	107	181513	46.09	ng		96
18) Hexachloroethane	8.05	117	79085	44.45	ng	#	85
19) n-Nitroso-di-n-propylamine	8.02	70	156163	46.63	ng		95
20) 3+4-Methylphenols	8.11	107	242298	48.46	ng	#	60
22) Acetophenone	7.97	105	319993	46.93	ng	#	84
24) Nitrobenzene	8.23	77	221898	44.29	ng		92
25) Isophorone	8.63	82	401292	45.82	ng		96
26) 2-Nitrophenol	8.74	139	122445	46.67	ng		96
27) 2,4-Dimethylphenol	8.90	122	202255	49.67	ng		96
28) bis(2-Chloroethoxy)methane	9.01	93	249986	43.30	ng		99
29) 2,4-Dichlorophenol	9.19	162	175133	44.66	ng		96
30) 1,2,4-Trichlorobenzene	9.24	180	179983	44.11	ng		98
31) Naphthalene	9.34	128	656290	44.89	ng		100
32) Benzoic acid	9.30	122	108405	43.18	ng		94
33) 4-Chloroaniline	9.56	127	34519	6.04	ng	#	85
34) Hexachlorobutadiene	9.56	225	91733	43.51	ng		95
35) Caprolactam	10.16	113	53093m	45.50	ng		
36) 4-Chloro-3-methylphenol	10.40	107	199481	48.59	ng		91
37) 2-Methylnaphthalene	10.47	142	459018	46.47	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.75	216	177499	42.68	ng		98
40) Hexachlorocyclopentadiene	10.72	237	75667	61.13	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.99	196	122658	45.87	ng		98
43) 2,4,5-Trichlorophenol	11.10	196	121973	42.89	ng		95
45) 1,1'-Biphenyl	11.24	154	511258	44.64	ng		97
46) 2-Chloronaphthalene	11.25	162	392390	43.85	ng		94
47) 2-Nitroaniline	11.49	65	114199	43.61	ng	#	84
48) Acenaphthylene	11.90	152	608856	39.79	ng		98
49) Dimethylphthalate	11.80	163	485533	46.02	ng		99
50) 2,6-Dinitrotoluene	11.90	165	100483	43.66	ng	#	73
51) Acenaphthene	12.19	154	380748	43.08	ng		99
52) 3-Nitroaniline	12.20	138	26844	10.01	ng		90
53) 2,4-Dinitrophenol	12.40	184	99026	76.32	ng	#	64
54) Dibenzofuran	12.47	168	581211	46.73	ng		98
55) 4-Nitrophenol	12.61	139	101262	65.57	ng	#	81
56) 2,4-Dinitrotoluene	12.57	165	152299	49.00	ng	#	90
57) Fluorene	13.03	166	477512	44.12	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.73	232	90628	46.57	ng	#	95
59) Diethylphthalate	12.94	149	485427	47.81	ng		99
60) 4-Chlorophenyl-phenylether	13.06	204	210132	44.64	ng		88
61) 4-Nitroaniline	13.17	138	58937	23.54	ng		92
62) Azobenzene	13.32	77	442113	48.04	ng		93
64) 4,6-Dinitro-2-methylphenol	13.25	198	72956	43.52	ng	#	80
65) n-Nitrosodiphenylamine	13.27	169	248250	27.09	ng		98
66) 4-Bromophenyl-phenylether	13.83	248	121069	45.67	ng		98
67) Hexachlorobenzene	13.92	284	120562	46.16	ng	#	89
68) Atrazine	14.19	200	41837	16.40	ng		95
69) Pentachlorophenol	14.30	266	67687	69.30	ng		96
70) Phenanthrene	14.57	178	674068	45.80	ng		99
71) Anthracene	14.65	178	692799	45.09	ng		99
72) Carbazole	14.96	167	376299	25.13	ng		97
73) Di-n-butylphthalate	15.55	149	807724	50.71	ng		98
74) Fluoranthene	16.36	202	693927	47.64	ng		98
77) Pyrene	16.66	202	699179	50.52	ng		98
79) Butylbenzylphthalate	17.59	149	325510	53.86	ng	#	86
80) Benzo(a)anthracene	18.26	228	511599	47.44	ng		97
82) Chrysene	18.30	228	499330	46.34	ng		99
83) Bis(2-ethylhexyl)phthalate	18.34	149	473506	55.54	ng	#	99
84) Di-n-octyl phthalate	19.11	149	728920	51.89	ng		96
85) Indeno(1,2,3-cd)pyrene	21.10	276	399708	43.35	ng		99
87) Benzo(b)fluoranthene	19.53	252	381614	60.63	ng		100
88) Benzo(k)fluoranthene	19.56	252	385191	64.02	ng	#	96
89) Benzo(a)pyrene	19.88	252	347909	60.14	ng		99
90) Dibenzo(a,h)anthracene	21.09	278	350519	71.42	ng		96
91) Benzo(g,h,i)perylene	21.41	276	349584	69.87	ng		98

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

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