Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF062217\
Data File : BF096119.D
Acq On : 22 Jun 2017 13:35
Operator : SJ/MA
Sample : I3759-03MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-02-061617MSD

Manual Integrations APPROVED
mohammad
6/26/2017 8:27:23 AM

Quant Time: Jun 22 16:43:06 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	85038	20.00	ng		-0.02
21) Naphthalene-d8	9.30	136	393071	20.00	ng		-0.02
38) Acenaphthene-d10	12.13	164	157332	20.00	ng		-0.02
63) Phenanthrene-d10	14.53	188	323194	20.00	ng		-0.01
75) Chrysene-d12	18.26	240	212988	20.00	ng		-0.01
86) Perylene-d12	19.94	264	74938	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.20	112	784346	146.97	ng		0.02
7) Phenol-d6	6.86	99	892953	139.77	ng		-0.02
23) Nitrobenzene-d5	8.20	82	526240	83.15	ng		-0.02
41) 2,4,6-Tribromophenol	13.44	330	211821	152.17	ng		-0.01
44) 2-Fluorobiphenyl	11.09	172	991259	87.68	ng		-0.02
78) Terphenyl-d14	16.92	244	954813	111.25	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.78	88	96202	37.89	ng	#	80
3) Pyridine	2.40	79	159224m	26.68	ng		
4) n-Nitrosodimethylamine	2.26	42	99195	43.73	ng	#	91
6) Aniline	6.80	93	39412	4.72	ng		97
8) 2-Chlorophenol	6.97	128	278342	49.05	ng		98
9) Benzaldehyde	6.60	77	86441	20.06	ng		96
10) Phenol	6.87	94	297041	44.82	ng		95
11) bis(2-Chloroethyl)ether	6.92	93	240994	45.90	ng		97
12) 1,3-Dichlorobenzene	7.17	146	267702	41.68	ng		98
13) 1,4-Dichlorobenzene	7.30	146	282594	43.39	ng		97
14) 1,2-Dichlorobenzene	7.53	146	262039	43.64	ng		95
15) Benzyl Alcohol	7.60	79	153642	35.04	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.77	45	385068	52.20	ng		97
17) 2-Methylphenol	7.83	107	227467	47.77	ng		93
18) Hexachloroethane	8.05	117	91398	42.49	ng	#	84
19) n-Nitroso-di-n-propylamine	8.02	70	183674	45.36	ng		93
20) 3+4-Methylphenols	8.10	107	279816	46.29	ng	#	60
22) Acetophenone	7.97	105	364317	39.60	ng	#	84
24) Nitrobenzene	8.23	77	262810	38.87	ng		95
25) Isophorone	8.63	82	528043	44.68	ng		95
26) 2-Nitrophenol	8.74	139	161972	45.75	ng		98
27) 2,4-Dimethylphenol	8.90	122	261097	47.52	ng		96
28) bis(2-Chloroethoxy)methane	9.01	93	322285	41.37	ng		99
29) 2,4-Dichlorophenol	9.19	162	251189	47.47	ng		97
30) 1,2,4-Trichlorobenzene	9.24	180	235071	42.69	ng		99
31) Naphthalene	9.34	128	874568	44.33	ng		99
32) Benzoic acid	9.30	122	154594	45.34	ng		97
33) 4-Chloroaniline	9.56	127	23181	3.01	ng	#	86
34) Hexachlorobutadiene	9.56	225	118680	41.72	ng		97
35) Caprolactam	10.16	113	67447m	42.84	ng		
36) 4-Chloro-3-methylphenol	10.40	107	228022	41.17	ng		88
37) 2-Methylnaphthalene	10.47	142	549442	41.22	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.75	216	225844	47.96	ng		99
40) Hexachlorocyclopentadiene	10.72	237	99963	69.45	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.99	196	136332	45.03	ng		99
43) 2,4,5-Trichlorophenol	11.10	196	132576	41.17	ng		95
45) 1,1'-Biphenyl	11.24	154	575572	44.39	ng		98
46) 2-Chloronaphthalene	11.25	162	442093	43.63	ng		94
47) 2-Nitroaniline	11.49	65	121335	40.92	ng	#	80
48) Acenaphthylene	11.90	152	682464	39.39	ng		98
49) Dimethylphthalate	11.80	163	487127	40.78	ng		100
50) 2,6-Dinitrotoluene	11.90	165	112889	43.33	ng	#	72
51) Acenaphthene	12.19	154	433435	43.32	ng		99
52) 3-Nitroaniline	12.20	138	21921	7.22	ng	#	84
53) 2,4-Dinitrophenol	12.40	184	108492	74.06	ng	#	67
54) Dibenzofuran	12.47	168	666274	47.31	ng		99
55) 4-Nitrophenol	12.62	139	97256	56.32	ng	#	81
56) 2,4-Dinitrotoluene	12.58	165	172550	49.03	ng	#	92
57) Fluorene	13.03	166	589569	48.11	ng		99
58) 2,3,4,6-Tetrachlorophenol	12.73	232	105356	47.82	ng	#	94
59) Diethylphthalate	12.94	149	551952	48.01	ng		100
60) 4-Chlorophenyl-phenylether	13.06	204	261479	49.06	ng		90
61) 4-Nitroaniline	13.17	138	57320	20.22	ng		96
62) Azobenzene	13.32	77	601952	57.77	ng		95
64) 4,6-Dinitro-2-methylphenol	13.25	198	91851	43.24	ng		82
65) n-Nitrosodiphenylamine	13.27	169	228995	19.72	ng		97
66) 4-Bromophenyl-phenylether	13.83	248	155100	46.18	ng		99
67) Hexachlorobenzene	13.92	284	148542	44.88	ng	#	87
68) Atrazine	14.19	200	18555	5.74	ng		96
69) Pentachlorophenol	14.30	266	116131m	91.50	ng		
70) Phenanthrene	14.57	178	805887	43.22	ng		98
71) Anthracene	14.65	178	861641	44.26	ng		98
72) Carbazole	14.96	167	297532	15.68	ng		97
73) Di-n-butylphthalate	15.55	149	998545	49.47	ng		98
74) Fluoranthene	16.36	202	829781	44.96	ng		98
77) Pyrene	16.66	202	813655	51.20	ng		99
79) Butylbenzylphthalate	17.59	149	349398	50.34	ng	#	85
80) Benzo(a)anthracene	18.25	228	558953	45.14	ng		99
82) Chrysene	18.30	228	578186	46.72	ng		99
83) Bis(2-ethylhexyl)phthalate	18.34	149	529605	54.09	ng	#	100
84) Di-n-octyl phthalate	19.11	149	771329	47.81	ng		96
85) Indeno(1,2,3-cd)pyrene	21.09	276	469641	44.35	ng		99
87) Benzo(b)fluoranthene	19.53	252	442996	94.41	ng		98
88) Benzo(k)fluoranthene	19.56	252	447014	99.67	ng	#	95
89) Benzo(a)pyrene	19.88	252	388606	90.10	ng		98
90) Dibenzo(a,h)anthracene	21.09	278	416033	113.72	ng		98
91) Benzo(g,h,i)perylene	21.42	276	349347	93.67	ng		98

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

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