Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032817\
Data File : BF094010.D
Acq On : 28 Mar 2017 23:21
Operator : SJ/MA
Sample : I2421-02MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HHD-GW1MSD

Manual Integrations APPROVED
mohammad
3/29/2017 1:57:02 PM

Quant Time: Mar 29 04:06:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 27 16:10:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	159835	20.00	ng		-0.02
21) Naphthalene-d8	7.43	136	661674	20.00	ng		-0.02
38) Acenaphthene-d10	9.57	164	310824	20.00	ng		-0.02
63) Phenanthrene-d10	11.40	188	538989	20.00	ng		-0.02
75) Chrysene-d12	14.65	240	360891	20.00	ng		-0.03
86) Perylene-d12	16.28	264	274265	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	4.48	112	1171731	123.82	ng		0.00
7) Phenol-d6	5.54	99	1447700	123.66	ng		-0.01
23) Nitrobenzene-d5	6.58	82	1019106	87.90	ng		-0.02
41) 2,4,6-Tribromophenol	10.56	330	354705	144.41	ng		-0.02
44) 2-Fluorobiphenyl	8.76	172	1886763	92.59	ng		-0.02
78) Terphenyl-d14	13.38	244	1492440	92.70	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	183922	40.45	ng		97
3) Pyridine	2.82	79	407679	32.90	ng		98
4) n-Nitrosodimethylamine	2.79	42	224878	44.11	ng		92
6) Aniline	5.56	93	306045	18.79	ng	#	34
8) 2-Chlorophenol	5.70	128	497049	47.79	ng		95
9) Benzaldehyde	5.42	77	118733	15.02	ng		98
10) Phenol	5.55	94	537561	40.35	ng		95
11) bis(2-Chloroethyl)ether	5.64	93	477528	45.87	ng		97
12) 1,3-Dichlorobenzene	5.86	146	543013	46.54	ng		99
13) 1,4-Dichlorobenzene	5.95	146	544200	46.05	ng		97
14) 1,2-Dichlorobenzene	6.13	146	506895	46.58	ng		96
15) Benzyl Alcohol	6.10	79	421210	49.16	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.26	45	677777	42.25	ng		98
17) 2-Methylphenol	6.24	107	422008	47.37	ng		98
18) Hexachloroethane	6.52	117	195234	47.00	ng	#	86
19) n-Nitroso-di-n-propylamine	6.42	70	358808	47.69	ng		96
20) 3+4-Methylphenols	6.42	107	518799	48.09	ng	#	63
22) Acetophenone	6.40	105	724608	49.14	ng	#	88
24) Nitrobenzene	6.60	77	530648	46.41	ng		94
25) Isophorone	6.89	82	985204	48.36	ng		95
26) 2-Nitrophenol	6.98	139	284025	52.08	ng		99
27) 2,4-Dimethylphenol	7.05	122	474481	50.50	ng		98
28) bis(2-Chloroethoxy)methane	7.15	93	633184	47.13	ng		99
29) 2,4-Dichlorophenol	7.27	162	447333	50.92	ng		99
30) 1,2,4-Trichlorobenzene	7.37	180	436141	48.20	ng		98
31) Naphthalene	7.46	128	1470975	46.23	ng		100
32) Benzoic acid	7.17	122	137729	22.02	ng		96
33) 4-Chloroaniline	7.52	127	155190	12.04	ng		94
34) Hexachlorobutadiene	7.62	225	215524	46.45	ng		98
35) Caprolactam	7.98	113	127469m	45.50	ng		
36) 4-Chloro-3-methylphenol	8.15	107	480957	52.39	ng		88
37) 2-Methylnaphthalene	8.30	142	1045202	49.28	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.51	216	386379	45.44	ng		99
40) Hexachlorocyclopentadiene	8.50	237	365145	91.77	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.66	196	304924	50.69	ng		97
43) 2,4,5-Trichlorophenol	8.71	196	315155	48.41	ng		95
45) 1,1'-Biphenyl	8.88	154	1167627	46.57	ng		98
46) 2-Chloronaphthalene	8.90	162	928258	47.30	ng		94
47) 2-Nitroaniline	9.03	65	284257	48.83	ng	#	81
48) Acenaphthylene	9.40	152	1475569	45.24	ng		99
49) Dimethylphthalate	9.27	163	1132593	51.26	ng		100
50) 2,6-Dinitrotoluene	9.33	165	258752	51.09	ng		92
51) Acenaphthene	9.62	154	881198	46.30	ng		99
52) 3-Nitroaniline	9.53	138	129955	21.85	ng		94
53) 2,4-Dinitrophenol	9.66	184	208895	77.24	ng	#	74
54) Dibenzofuran	9.83	168	1259216	48.60	ng		100
55) 4-Nitrophenol	9.77	139	338232	72.62	ng	#	66
56) 2,4-Dinitrotoluene	9.83	165	304729	47.90	ng	#	68
57) Fluorene	10.25	166	946894	44.07	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.99	232	235175	52.65	ng		97
59) Diethylphthalate	10.14	149	1100391	50.39	ng		98
60) 4-Chlorophenyl-phenylether	10.26	204	408381	44.62	ng		94
61) 4-Nitroaniline	10.29	138	260553	45.65	ng		95
62) Azobenzene	10.46	77	1060890	51.36	ng		94
64) 4,6-Dinitro-2-methylphenol	10.33	198	147390	44.65	ng	#	77
65) n-Nitrosodiphenylamine	10.41	169	911993	48.93	ng		98
66) 4-Bromophenyl-phenylether	10.86	248	263562	49.72	ng		97
67) Hexachlorobenzene	10.93	284	268198	49.98	ng	#	85
68) Atrazine	11.08	200	266921	47.81	ng		96
69) Pentachlorophenol	11.17	266	281661	84.33	ng		99
70) Phenanthrene	11.43	178	1396363	46.57	ng		100
71) Anthracene	11.50	178	1463294	47.40	ng		99
72) Carbazole	11.70	167	1318921	41.66	ng		99
73) Di-n-butylphthalate	12.15	149	1673434	50.83	ng		100
74) Fluoranthene	12.89	202	1379118	44.92	ng		99
76) Benzidine	13.06	184	526573	36.87	ng	#	92
77) Pyrene	13.17	202	1380025	52.69	ng		99
79) Butylbenzylphthalate	13.99	149	668368	59.89	ng	#	85
80) Benzo(a)anthracene	14.64	228	1036011	49.23	ng		98
81) 3,3'-Dichlorobenzidine	14.61	252	199727	26.55	ng		97
82) Chrysene	14.69	228	889219	45.53	ng		99
83) Bis(2-ethylhexyl)phthalate	14.70	149	913139	59.98	ng	#	100
84) Di-n-octyl phthalate	15.45	149	1490757	58.61	ng		98
85) Indeno(1,2,3-cd)pyrene	17.64	276	794744	46.99	ng		99
87) Benzo(b)fluoranthene	15.87	252	833918	49.60	ng		98
88) Benzo(k)fluoranthene	15.90	252	789232	47.98	ng		95
89) Benzo(a)pyrene	16.22	252	766672	49.52	ng		98
90) Dibenzo(a,h)anthracene	17.67	278	673767	51.39	ng		99
91) Benzo(g,h,i)perylene	18.05	276	653556	49.46	ng		98

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

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