Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
Data File : BF095035.D
Acq On : 9 May 2017 22:16
Operator : SJ/MA
Sample : I3022-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-COMP-15MS

Manual Integrations APPROVED
mohammad
5/10/2017 11:46:53 AM

Quant Time: May 10 02:13:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 03 17:24:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	90174	20.00	ng		-0.01
21) Naphthalene-d8	9.74	136	376211	20.00	ng		-0.02
38) Acenaphthene-d10	12.56	164	165334	20.00	ng		-0.02
63) Phenanthrene-d10	14.97	188	322681	20.00	ng		-0.02
75) Chrysene-d12	18.64	240	240203	20.00	ng		-0.02
86) Perylene-d12	20.30	264	191093	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	694719	128.45	ng		0.00
7) Phenol-d6	7.27	99	793971	122.35	ng		-0.01
23) Nitrobenzene-d5	8.62	82	538359	90.24	ng		-0.02
41) 2,4,6-Tribromophenol	13.87	330	205263	151.59	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	1076211	93.69	ng		-0.02
78) Terphenyl-d14	17.29	244	1053658	96.62	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.21	88	95926	36.16	ng		93
3) Pyridine	2.89	79	139551m	22.70	ng		
4) n-Nitrosodimethylamine	2.77	42	111953	43.69	ng		80
6) Aniline	7.22	93	121279	14.80	ng		94
8) 2-Chlorophenol	7.41	128	280604	45.58	ng		95
9) Benzaldehyde	7.05	77	28365	7.16	ng	#	87
10) Phenol	7.28	94	270876	39.61	ng		91
11) bis(2-Chloroethyl)ether	7.35	93	258738	45.83	ng		95
12) 1,3-Dichlorobenzene	7.62	146	294605	42.19	ng		99
13) 1,4-Dichlorobenzene	7.74	146	298837	42.20	ng		96
14) 1,2-Dichlorobenzene	7.98	146	289208	43.75	ng		96
15) Benzyl Alcohol	8.01	79	238892	57.23	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.21	45	322987	40.42	ng		84
17) 2-Methylphenol	8.22	107	216584	42.99	ng		96
18) Hexachloroethane	8.50	117	94824	39.53	ng	#	87
19) n-Nitroso-di-n-propylamine	8.43	70	200209	45.62	ng		93
20) 3+4-Methylphenols	8.48	107	282410	41.25	ng	#	60
22) Acetophenone	8.39	105	399717	44.28	ng	#	85
24) Nitrobenzene	8.65	77	275323	44.03	ng		92
25) Isophorone	9.05	82	509529	47.83	ng	#	94
26) 2-Nitrophenol	9.15	139	150167	44.50	ng		97
27) 2,4-Dimethylphenol	9.30	122	248076	45.47	ng		99
28) bis(2-Chloroethoxy)methane	9.42	93	326716	44.33	ng		99
29) 2,4-Dichlorophenol	9.58	162	228401	44.34	ng		96
30) 1,2,4-Trichlorobenzene	9.66	180	243580	44.14	ng		99
31) Naphthalene	9.78	128	3269602	172.92	ng		99
32) Benzoic acid	9.62	122	131024	37.79	ng		93
33) 4-Chloroaniline	9.94	127	35552	5.05	ng	#	92
34) Hexachlorobutadiene	9.98	225	118286	40.62	ng		97
35) Caprolactam	10.55	113	66173m	42.78	ng		
36) 4-Chloro-3-methylphenol	10.77	107	255944	46.47	ng		88
37) 2-Methylnaphthalene	10.90	142	742259	59.81	ng		99
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	233799	45.98	ng		99
40) Hexachlorocyclopentadiene	11.15	237	175244	81.84	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	164767	48.54	ng		99
43) 2,4,5-Trichlorophenol	11.48	196	166828	45.72	ng		93
45) 1,1'-Biphenyl	11.66	154	654502	47.02	ng		98
46) 2-Chloronaphthalene	11.68	162	478531	42.57	ng		96
47) 2-Nitroaniline	11.89	65	136763	44.46	ng	#	87
48) Acenaphthylene	12.34	152	1200555	68.19	ng		99
49) Dimethylphthalate	12.21	163	599150	44.14	ng		99
50) 2,6-Dinitrotoluene	12.30	165	134518	48.58	ng		96
51) Acenaphthene	12.62	154	506596	48.18	ng		99
52) 3-Nitroaniline	12.58	138	48322	16.26	ng		88
53) 2,4-Dinitrophenol	12.77	184	139809	90.76	ng	#	65
54) Dibenzofuran	12.90	168	757944	52.09	ng		99
55) 4-Nitrophenol	12.95	139	159284	89.23	ng	#	69
56) 2,4-Dinitrotoluene	12.97	165	190336	53.49	ng	#	87
57) Fluorene	13.46	166	689814	54.52	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.14	232	131850	57.42	ng	#	93
59) Diethylphthalate	13.36	149	626195	48.13	ng		99
60) 4-Chlorophenyl-phenylether	13.48	204	272107	48.93	ng		91
61) 4-Nitroaniline	13.57	138	123775	45.37	ng		95
62) Azobenzene	13.74	77	583038	55.77	ng		94
64) 4,6-Dinitro-2-methylphenol	13.63	198	95987	44.37	ng	#	67
65) n-Nitrosodiphenylamine	13.69	169	530445	45.29	ng		99
66) 4-Bromophenyl-phenylether	14.27	248	157440	46.18	ng		97
67) Hexachlorobenzene	14.35	284	155410	44.48	ng	#	88
68) Atrazine	14.62	200	148800	45.00	ng		95
69) Pentachlorophenol	14.71	266	136431	85.90	ng		97
70) Phenanthrene	15.01	178	1032702	55.70	ng		98
71) Anthracene	15.09	178	956287	50.49	ng		97
72) Carbazole	15.37	167	857095	49.74	ng		98
73) Di-n-butylphthalate	15.94	149	969616	45.12	ng		99
74) Fluoranthene	16.74	202	939765	49.41	ng		99
76) Benzidine	16.99	184	9087	7.80	ng		98
77) Pyrene	17.05	202	969814	53.98	ng		99
79) Butylbenzylphthalate	17.95	149	440665	52.74	ng	#	87
80) Benzo(a)anthracene	18.62	228	662712	47.41	ng		99
81) 3,3'-Dichlorobenzidine	18.60	252	68346	14.16	ng	#	96
82) Chrysene	18.67	228	626675	46.36	ng		99
83) Bis(2-ethylhexyl)phthalate	18.69	149	568857	47.78	ng	#	99
84) Di-n-octyl phthalate	19.46	149	979578	50.19	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	561694	51.17	ng		100
87) Benzo(b)fluoranthene	19.89	252	570431	48.31	ng		97
88) Benzo(k)fluoranthene	19.92	252	538166	47.25	ng		96
89) Benzo(a)pyrene	20.24	252	527521	48.42	ng		99
90) Dibenzo(a,h)anthracene	21.59	278	471448	52.39	ng		98
91) Benzo(g,h,i)perylene	21.96	276	475090	53.80	ng		97

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

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