Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050917\
Data File : BF095036.D
Acq On : 9 May 2017 22:48
Operator : SJ/MA
Sample : I3022-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-COMP-15MSD

Manual Integrations APPROVED
mohammad
5/10/2017 11:46:56 AM

Quant Time: May 10 02:17:05 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	94560	20.00	ng		-0.01
21) Naphthalene-d8	9.74	136	380912	20.00	ng		-0.02
38) Acenaphthene-d10	12.56	164	180251	20.00	ng		-0.02
63) Phenanthrene-d10	14.97	188	335265	20.00	ng		-0.02
75) Chrysene-d12	18.64	240	262186	20.00	ng		-0.02
86) Perylene-d12	20.29	264	185721	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.68	112	734004	129.41	ng		0.00
7) Phenol-d6	7.27	99	892713	131.18	ng		0.00
23) Nitrobenzene-d5	8.62	82	558732	92.50	ng		-0.02
41) 2,4,6-Tribromophenol	13.87	330	218208	147.82	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	1089352	86.99	ng		-0.02
78) Terphenyl-d14	17.29	244	1013357	85.13	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	97055	34.89	ng		92
3) Pyridine	2.88	79	195392m	30.31	ng		
4) n-Nitrosodimethylamine	2.77	42	107044	39.83	ng		85
6) Aniline	7.23	93	105528	12.28	ng		96
8) 2-Chlorophenol	7.41	128	310780	48.14	ng		95
9) Benzaldehyde	7.05	77	32258	7.76	ng		92
10) Phenol	7.29	94	313940	43.78	ng		88
11) bis(2-Chloroethyl)ether	7.35	93	277899	46.94	ng		97
12) 1,3-Dichlorobenzene	7.62	146	298170	40.72	ng		99
13) 1,4-Dichlorobenzene	7.74	146	294936	39.71	ng		96
14) 1,2-Dichlorobenzene	7.98	146	290038	41.84	ng		96
15) Benzyl Alcohol	8.01	79	236335	53.99	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.21	45	353392	42.18	ng		82
17) 2-Methylphenol	8.22	107	243932	46.17	ng		97
18) Hexachloroethane	8.50	117	94723	37.65	ng	#	86
19) n-Nitroso-di-n-propylamine	8.43	70	209869	45.60	ng		93
20) 3+4-Methylphenols	8.48	107	310746	43.29	ng	#	60
22) Acetophenone	8.39	105	437048	47.82	ng	#	84
24) Nitrobenzene	8.65	77	294254	46.47	ng		92
25) Isophorone	9.05	82	554888	51.44	ng		96
26) 2-Nitrophenol	9.15	139	163180	47.76	ng		97
27) 2,4-Dimethylphenol	9.30	122	277212	50.19	ng		96
28) bis(2-Chloroethoxy)methane	9.42	93	359219	48.14	ng		99
29) 2,4-Dichlorophenol	9.58	162	256626	49.20	ng		99
30) 1,2,4-Trichlorobenzene	9.66	180	244449	43.75	ng		99
31) Naphthalene	9.78	128	2652587	138.56	ng		99
32) Benzoic acid	9.63	122	166639	46.16	ng		95
33) 4-Chloroaniline	9.95	127	31905	4.47	ng	#	89
34) Hexachlorobutadiene	9.98	225	121858	41.33	ng		97
35) Caprolactam	10.56	113	70117m	44.77	ng		
36) 4-Chloro-3-methylphenol	10.77	107	276948	49.66	ng		93
37) 2-Methylnaphthalene	10.89	142	720977	57.38	ng		97
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	237483	42.84	ng		100
40) Hexachlorocyclopentadiene	11.15	237	190148	81.48	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	179233	48.43	ng		100
43) 2,4,5-Trichlorophenol	11.48	196	183977	46.25	ng	#	93
45) 1,1'-Biphenyl	11.66	154	682032	44.94	ng		98
46) 2-Chloronaphthalene	11.68	162	508391	41.49	ng		96
47) 2-Nitroaniline	11.89	65	152075	45.34	ng	#	84
48) Acenaphthylene	12.34	152	1177846	61.37	ng		99
49) Dimethylphthalate	12.21	163	672997	45.48	ng		98
50) 2,6-Dinitrotoluene	12.30	165	149443	49.50	ng		95
51) Acenaphthene	12.62	154	550017	47.98	ng		99
52) 3-Nitroaniline	12.58	138	42118	13.00	ng		89
53) 2,4-Dinitrophenol	12.77	184	161326	95.69	ng	#	68
54) Dibenzofuran	12.91	168	783475	49.39	ng		98
55) 4-Nitrophenol	12.95	139	185630	95.38	ng	#	71
56) 2,4-Dinitrotoluene	12.97	165	202902	52.31	ng	#	89
57) Fluorene	13.46	166	711800	51.60	ng		98
58) 2,3,4,6-Tetrachlorophenol	13.15	232	147852	59.06	ng		92
59) Diethylphthalate	13.36	149	649975	45.83	ng		98
60) 4-Chlorophenyl-phenylether	13.48	204	286571	47.27	ng		91
61) 4-Nitroaniline	13.58	138	111884	37.61	ng		95
62) Azobenzene	13.74	77	599339	52.59	ng		94
64) 4,6-Dinitro-2-methylphenol	13.63	198	104916	46.68	ng	#	71
65) n-Nitrosodiphenylamine	13.69	169	467039	38.38	ng		100
66) 4-Bromophenyl-phenylether	14.27	248	160970	45.45	ng		98
67) Hexachlorobenzene	14.35	284	163852	45.14	ng	#	88
68) Atrazine	14.61	200	114937	33.45	ng		98
69) Pentachlorophenol	14.71	266	153016	92.26	ng		99
70) Phenanthrene	15.01	178	1037005	53.83	ng		99
71) Anthracene	15.09	178	981791	49.90	ng		98
72) Carbazole	15.37	167	777654	43.44	ng		98
73) Di-n-butylphthalate	15.94	149	1075359	48.16	ng		99
74) Fluoranthene	16.74	202	961681	48.67	ng		99
76) Benzidine	16.99	184	14615	8.37	ng	#	91
77) Pyrene	17.05	202	901086	45.95	ng		99
79) Butylbenzylphthalate	17.95	149	439465	48.18	ng	#	87
80) Benzo(a)anthracene	18.62	228	748967	49.08	ng		98
81) 3,3'-Dichlorobenzidine	18.61	252	32612	6.19	ng	#	97
82) Chrysene	18.66	228	721526	48.90	ng		98
83) Bis(2-ethylhexyl)phthalate	18.69	149	652916	50.24	ng	#	100
84) Di-n-octyl phthalate	19.46	149	1040502	48.84	ng		96
85) Indeno(1,2,3-cd)pyrene	21.59	276	572757	47.80	ng		100
87) Benzo(b)fluoranthene	19.89	252	602249	52.48	ng		99
88) Benzo(k)fluoranthene	19.92	252	594458	53.70	ng	#	95
89) Benzo(a)pyrene	20.24	252	552147	52.14	ng		99
90) Dibenzo(a,h)anthracene	21.59	278	483353	55.27	ng		98
91) Benzo(g,h,i)perylene	21.96	276	489762	57.07	ng		97

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

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