Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050817\
Data File : BF095003.D
Acq On : 9 May 2017 3:34
Operator : SJ/MA
Sample : I2976-06MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P001-TANK001-01MS

Manual Integrations APPROVED
mohammad
5/9/2017 5:02:55 PM

Quant Time: May 09 07:34:15 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	91821	20.00	ng		-0.01
21) Naphthalene-d8	9.73	136	361041	20.00	ng		-0.02
38) Acenaphthene-d10	12.56	164	161568	20.00	ng		-0.02
63) Phenanthrene-d10	14.97	188	238826	20.00	ng		-0.02
75) Chrysene-d12	18.64	240	172980	20.00	ng		-0.02
86) Perylene-d12	20.30	264	149877	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	693207	125.87	ng		-0.01
7) Phenol-d6	7.27	99	852851	129.06	ng		-0.01
23) Nitrobenzene-d5	8.62	82	501814	87.65	ng		-0.02
41) 2,4,6-Tribromophenol	13.86	330	148457	112.20	ng		-0.02
44) 2-Fluorobiphenyl	11.51	172	935460	83.34	ng		-0.02
78) Terphenyl-d14	17.29	244	682405	86.89	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.11	88	87208	32.29	ng		95
3) Pyridine	2.80	79	200942m	32.10	ng		
4) n-Nitrosodimethylamine	2.71	42	95834	36.73	ng		83
6) Aniline	7.22	93	162729	19.51	ng		93
8) 2-Chlorophenol	7.41	128	249927	39.87	ng		95
9) Benzaldehyde	7.04	77	39525	9.80	ng		99
10) Phenol	7.28	94	298734	42.90	ng		91
11) bis(2-Chloroethyl)ether	7.35	93	223102	38.81	ng		95
12) 1,3-Dichlorobenzene	7.62	146	274836	38.65	ng		98
13) 1,4-Dichlorobenzene	7.74	146	271862	37.70	ng		97
14) 1,2-Dichlorobenzene	7.98	146	258447	38.40	ng		95
15) Benzyl Alcohol	8.00	79	192957	45.40	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.21	45	301463	37.05	ng		65
17) 2-Methylphenol	8.22	107	197719	38.54	ng		98
18) Hexachloroethane	8.50	117	80021	32.76	ng	#	86
19) n-Nitroso-di-n-propylamine	8.42	70	173737	38.87	ng		93
20) 3+4-Methylphenols	8.48	107	266758	38.27	ng	#	60
22) Acetophenone	8.38	105	344191	39.73	ng	#	85
24) Nitrobenzene	8.64	77	245696	40.94	ng		94
25) Isophorone	9.04	82	421691	41.25	ng	#	94
26) 2-Nitrophenol	9.15	139	127443	39.36	ng		97
27) 2,4-Dimethylphenol	9.29	122	204658	39.09	ng		98
28) bis(2-Chloroethoxy)methane	9.41	93	288717	40.82	ng		99
29) 2,4-Dichlorophenol	9.58	162	208444	42.17	ng		99
30) 1,2,4-Trichlorobenzene	9.66	180	210242	39.70	ng		98
31) Naphthalene	9.77	128	657712	36.25	ng		100
32) Benzoic acid	9.57	122	74542	24.47	ng		93
33) 4-Chloroaniline	9.93	127	68658	10.15	ng	#	92
34) Hexachlorobutadiene	9.99	225	97022	34.72	ng		98
35) Caprolactam	10.51	113	57987m	39.06	ng		
36) 4-Chloro-3-methylphenol	10.77	107	195935	37.07	ng		91
37) 2-Methylnaphthalene	10.90	142	461171	38.72	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.17	216	182616	36.75	ng		99
40) Hexachlorocyclopentadiene	11.15	237	42232	24.74	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.39	196	130614	39.37	ng		99
43) 2,4,5-Trichlorophenol	11.48	196	130772	36.68	ng	#	92
45) 1,1'-Biphenyl	11.66	154	539140	39.63	ng		97
46) 2-Chloronaphthalene	11.68	162	419068	38.15	ng		97
47) 2-Nitroaniline	11.88	65	120340	40.03	ng	#	87
48) Acenaphthylene	12.33	152	680561	39.56	ng		99
49) Dimethylphthalate	12.21	163	639601	48.22	ng		99
50) 2,6-Dinitrotoluene	12.30	165	104795	38.73	ng		97
51) Acenaphthene	12.62	154	399278	38.86	ng		99
52) 3-Nitroaniline	12.57	138	68201	23.48	ng	#	97
53) 2,4-Dinitrophenol	12.78	184	17293	16.94	ng	#	68
54) Dibenzofuran	12.90	168	608458	42.79	ng		99
55) 4-Nitrophenol	12.95	139	142160	81.49	ng	#	78
56) 2,4-Dinitrotoluene	12.96	165	139777	40.20	ng	#	87
57) Fluorene	13.46	166	474393	38.37	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.14	232	91574	40.81	ng	#	96
59) Diethylphthalate	13.35	149	479063	37.68	ng		99
60) 4-Chlorophenyl-phenylether	13.48	204	198475	36.52	ng		90
61) 4-Nitroaniline	13.57	138	94547	35.46	ng		96
62) Azobenzene	13.74	77	420075	41.12	ng		93
64) 4,6-Dinitro-2-methylphenol	13.63	198	18607	11.62	ng	#	72
65) n-Nitrosodiphenylamine	13.69	169	397513	45.86	ng		99
66) 4-Bromophenyl-phenylether	14.27	248	109607	43.44	ng		96
67) Hexachlorobenzene	14.35	284	108042	41.78	ng	#	89
68) Atrazine	14.61	200	99234	40.55	ng		94
69) Pentachlorophenol	14.70	266	79649	68.99	ng		96
70) Phenanthrene	15.00	178	554566	40.41	ng		98
71) Anthracene	15.08	178	579743	41.36	ng		98
72) Carbazole	15.37	167	534045	41.87	ng		98
73) Di-n-butylphthalate	15.94	149	711872	44.76	ng		98
74) Fluoranthene	16.74	202	586466	41.66	ng		99
76) Benzidine	16.98	184	33489	12.76	ng	#	93
77) Pyrene	17.05	202	571933	44.21	ng		98
79) Butylbenzylphthalate	17.95	149	275166	45.73	ng	#	85
80) Benzo(a)anthracene	18.62	228	400724	39.80	ng		98
81) 3,3'-Dichlorobenzidine	18.60	252	107690	30.97	ng	#	96
82) Chrysene	18.67	228	384474	39.50	ng		99
83) Bis(2-ethylhexyl)phthalate	18.69	149	344972	40.24	ng	#	100
84) Di-n-octyl phthalate	19.47	149	591074	42.05	ng		95
85) Indeno(1,2,3-cd)pyrene	21.59	276	319806	40.46	ng		99
87) Benzo(b)fluoranthene	19.89	252	372328	40.20	ng		98
88) Benzo(k)fluoranthene	19.92	252	356175	39.87	ng	#	95
89) Benzo(a)pyrene	20.24	252	335991	39.32	ng		97
90) Dibenzo(a,h)anthracene	21.59	278	270601	38.34	ng		96
91) Benzo(g,h,i)perylene	21.97	276	254182	36.70	ng		97

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

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