Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120617\
Data File : BF101178.D
Acq On : 6 Dec 2017 19:59
Operator : SJ/JU
Sample : I6738-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
88-20-90-20MS

Manual Integrations APPROVED
Sohil
12/7/2017 11:35:58 AM

Quant Time: Dec 07 00:50:55 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	49533	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	187113	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	80104	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	118490	20.00	ng		0.01
75) Chrysene-d12	14.03	240	106587	20.00	ng		0.00
86) Perylene-d12	15.50	264	107965	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	271827	90.68	ng		0.01
7) Phenol-d6	6.49	99	323821	88.98	ng		0.00
23) Nitrobenzene-d5	7.42	82	196831	62.75	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	69487	72.21	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	392378	67.02	ng		0.00
78) Terphenyl-d14	12.96	244	278876	57.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	32420	26.155	ng		92
3) Pyridine	3.43	79	57548m	17.909	ng		
4) n-Nitrosodimethylamine	3.36	42	47130	30.030	ng		92
6) Aniline	6.52	93	83073	17.554	ng		98
8) 2-Chlorophenol	6.63	128	100706	30.812	ng		98
9) Benzaldehyde	6.40	77	35973	16.150	ng		97
10) Phenol	6.50	94	131029	32.379	ng		93
11) bis(2-Chloroethyl)ether	6.59	93	90811	29.918	ng		98
12) 1,3-Dichlorobenzene	6.79	146	115190	30.268	ng		97
13) 1,4-Dichlorobenzene	6.86	146	117593	29.845	ng		98
14) 1,2-Dichlorobenzene	7.02	146	112174	30.522	ng		95
15) Benzyl Alcohol	6.99	79	85529	30.428	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.12	45	142381	34.509	ng		95
17) 2-Methylphenol	7.10	107	81436	30.857	ng		96
18) Hexachloroethane	7.36	117	33738	26.652	ng		93
19) n-Nitroso-di-n-propylamine	7.26	70	69056	28.175	ng		96
20) 3+4-Methylphenols	7.26	107	104233	30.284	ng	#	68
22) Acetophenone	7.26	105	133507	29.533	ng	#	88
24) Nitrobenzene	7.43	77	98481	32.035	ng		99
25) Isophorone	7.67	82	179184	33.443	ng		99
26) 2-Nitrophenol	7.75	139	50105	29.690	ng		95
27) 2,4-Dimethylphenol	7.79	122	86308	35.354	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	112716	31.301	ng		100
29) 2,4-Dichlorophenol	7.99	162	85926	32.336	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	94898	32.478	ng		98
31) Naphthalene	8.16	128	281008	30.472	ng		99
32) Benzoic acid	7.89	122	30114	15.860	ng		93
33) 4-Chloroaniline	8.20	127	54842	14.801	ng		98
34) Hexachlorobutadiene	8.26	225	54871	30.618	ng		97
35) Caprolactam	8.57	113	22883	27.632	ng		93
36) 4-Chloro-3-methylphenol	8.69	107	84423	30.670	ng		95
37) 2-Methylnaphthalene	8.85	142	192713	30.755	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	87931	30.217	ng	#	96
40) Hexachlorocyclopentadiene	8.99	237	9074	15.853	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	58416	34.244	ng		99
43) 2,4,5-Trichlorophenol	9.17	196	60971m	33.432	ng		
45) 1,1'-Biphenyl	9.31	154	221433	30.172	ng		96
46) 2-Chloronaphthalene	9.33	162	173166	33.224	ng		96
47) 2-Nitroaniline	9.43	65	53692	34.818	ng		96
48) Acenaphthylene	9.75	152	249960	29.182	ng		99
49) Dimethylphthalate	9.61	163	226903	35.123	ng		99
50) 2,6-Dinitrotoluene	9.67	165	43242	31.780	ng		95
51) Acenaphthene	9.92	154	146249	28.514	ng		98
52) 3-Nitroaniline	9.85	138	42646	27.870	ng		98
53) 2,4-Dinitrophenol	9.96	184	5834	12.662	ng	#	26
54) Dibenzofuran	10.10	168	216121	29.240	ng		98
55) 4-Nitrophenol	10.02	139	49358	47.830	ng		90
56) 2,4-Dinitrotoluene	10.09	165	51487	28.235	ng	#	92
57) Fluorene	10.44	166	164286	27.342	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	41817	28.638	ng	#	87
59) Diethylphthalate	10.31	149	188797	29.629	ng		95
60) 4-Chlorophenyl-phenylether	10.43	204	83229	28.055	ng		97
61) 4-Nitroaniline	10.46	138	35208	22.166	ng		97
62) Azobenzene	10.59	77	147707	27.315	ng		93
64) 4,6-Dinitro-2-methylphenol	10.50	198	6605	8.311	ng	#	62
65) n-Nitrosodiphenylamine	10.55	169	152496	36.481	ng		95
66) 4-Bromophenyl-phenylether	10.92	248	45883	34.595	ng		91
67) Hexachlorobenzene	11.00	284	45858	32.261	ng	#	88
68) Atrazine	11.08	200	46318	36.122	ng		91
69) Pentachlorophenol	11.19	266	37272	47.688	ng		98
70) Phenanthrene	11.41	178	208890	32.013	ng		99
71) Anthracene	11.46	178	209397	31.707	ng		98
72) Carbazole	11.62	167	175140	29.026	ng		98
73) Di-n-butylphthalate	11.93	149	242614	32.079	ng		100
74) Fluoranthene	12.60	202	197201	27.264	ng		94
76) Benzidine	12.72	184	16984	4.900	ng	#	78
77) Pyrene	12.83	202	200549	27.268	ng		100
79) Butylbenzylphthalate	13.43	149	84992	26.210	ng		90
80) Benzo(a)anthracene	14.02	228	200130	29.738	ng		98
81) 3,3'-Dichlorobenzidine	13.97	252	53325	22.880	ng	#	97
82) Chrysene	14.05	228	196860	31.497	ng		96
83) Bis(2-ethylhexyl)phthalate	13.99	149	124223	26.868	ng		99
84) Di-n-octyl phthalate	14.60	149	215115	27.943	ng	#	98
85) Indeno(1,2,3-cd)pyrene	16.99	276	176877	31.832	ng	#	91
87) Benzo(b)fluoranthene	15.07	252	191723	29.647	ng		99
88) Benzo(k)fluoranthene	15.10	252	186395m	29.256	ng		
89) Benzo(a)pyrene	15.44	252	179485	30.529	ng		97
90) Dibenzo(a,h)anthracene	17.00	278	149004	28.748	ng	#	93
91) Benzo(g,h,i)perylene	17.44	276	134927	27.623	ng	#	91

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

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