Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031816\
Data File : BF085537.D
Acq On : 18 Mar 2016 17:19
Operator : UM/SJ
Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC02.5

Manual Integrations APPROVED
mohammad
3/21/2016 2:48:26 PM

Quant Time: Mar 18 23:32:21 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 23:01:06 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	171403	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	680356	20.00	ng		0.00
38) Acenaphthene-d10	9.90	164	324564	20.00	ng		0.00
63) Phenanthrene-d10	11.37	188	606399	20.00	ng		-0.01
75) Chrysene-d12	14.01	240	589332	20.00	ng		0.00
86) Perylene-d12	15.44	264	513255	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	55532	5.42	ng		-0.01
7) Phenol-d6	6.48	99	71765	5.47	ng		-0.01
23) Nitrobenzene-d5	7.42	82	62556	5.34	ng		-0.01
41) 2,4,6-Tribromophenol	10.68	330	15690	5.29	ng		-0.01
44) 2-Fluorobiphenyl	9.21	172	137617	7.17	ng		-0.01
78) Terphenyl-d14	12.95	244	120332	4.71	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	14373	2.86	ng		99
3) Pyridine	3.27	79	27726	2.32	ng	#	74
4) n-Nitrosodimethylamine	3.14	42	13681	2.53	ng	#	95
6) Aniline	6.52	93	46483	2.61	ng		93
8) 2-Chlorophenol	6.63	128	33117	2.79	ng		92
9) Benzaldehyde	6.40	77	21819	2.99	ng		90
10) Phenol	6.49	94	40942	2.72	ng		88
11) bis(2-Chloroethyl)ether	6.58	93	31075	2.74	ng		97
12) 1,3-Dichlorobenzene	6.79	146	36367	2.80	ng	#	91
13) 1,4-Dichlorobenzene	6.87	146	39125	2.99	ng		96
14) 1,2-Dichlorobenzene	7.02	146	32972m	2.84	ng		
15) Benzyl Alcohol	7.00	79	26274	2.86	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	40789	2.67	ng		98
17) 2-Methylphenol	7.11	107	25573	2.62	ng		96
18) Hexachloroethane	7.36	117	12947	2.71	ng	#	72
19) n-Nitroso-di-n-propylamine	7.26	70	23954	3.02	ng	#	89
20) 3+4-Methylphenols	7.26	107	35326	3.30	ng	#	82
22) Acetophenone	7.26	105	49621	2.97	ng	#	96
24) Nitrobenzene	7.43	77	35927	2.79	ng		98
25) Isophorone	7.67	82	62711	2.67	ng		97
26) 2-Nitrophenol	7.75	139	15307	2.43	ng	#	70
27) 2,4-Dimethylphenol	7.80	122	30552	2.77	ng		94
28) bis(2-Chloroethoxy)methane	7.89	93	39661	2.81	ng		98
29) 2,4-Dichlorophenol	8.00	162	23843	2.61	ng		93
30) 1,2,4-Trichlorobenzene	8.08	180	29226	2.82	ng		97
31) Naphthalene	8.16	128	104483	3.14	ng		98
32) Benzoic acid	7.85	122	21485	3.15	ng		98
33) 4-Chloroaniline	8.21	127	38118	2.64	ng	#	93
34) Hexachlorobutadiene	8.29	225	14318	2.63	ng		97
35) Caprolactam	8.54	113	7865	2.64	ng		92
36) 4-Chloro-3-methylphenol	8.69	107	29465	2.79	ng		98
37) 2-Methylnaphthalene	8.85	142	59711	2.75	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.02	216	27887	2.84	ng		99
42) 2,4,6-Trichlorophenol	9.13	196	17395	2.62	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.17	196	18734	2.79	ng	#	90
45) 1,1'-Biphenyl	9.32	154	87556	3.31	ng		94
46) 2-Chloronaphthalene	9.34	162	59615	2.98	ng		97
47) 2-Nitroaniline	9.43	65	15453	2.53	ng	#	83
48) Acenaphthylene	9.75	152	100194	3.08	ng		97
49) Dimethylphthalate	9.61	163	67320	2.86	ng		99
50) 2,6-Dinitrotoluene	9.67	165	12191	2.42	ng	#	84
51) Acenaphthene	9.92	154	60219	2.97	ng		97
52) 3-Nitroaniline	9.84	138	16811	2.75	ng		97
54) Dibenzofuran	10.09	168	74623	2.97	ng		95
55) 4-Nitrophenol	10.00	139	12093	2.73	ng		93
56) 2,4-Dinitrotoluene	10.08	165	16011	2.43	ng		96
57) Fluorene	10.44	166	64799	3.19	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.22	232	13087m	2.84	ng		
59) Diethylphthalate	10.31	149	74386	3.20	ng		99
60) 4-Chlorophenyl-phenylether	10.44	204	30522	3.03	ng	#	87
61) 4-Nitroaniline	10.45	138	15701	2.63	ng		94
62) Azobenzene	10.58	77	64500	2.83	ng		89
65) n-Nitrosodiphenylamine	10.55	169	56248	2.96	ng		97
66) 4-Bromophenyl-phenylether	10.93	248	15653	2.53	ng	#	86
67) Hexachlorobenzene	10.98	284	17102	2.66	ng	#	70
68) Atrazine	11.08	200	16893	3.04	ng		97
69) Pentachlorophenol	11.18	266	8747	2.55	ng		97
70) Phenanthrene	11.40	178	98165	3.05	ng		98
71) Anthracene	11.45	178	101944	3.18	ng		98
72) Carbazole	11.60	167	87065	3.11	ng		98
73) Di-n-butylphthalate	11.93	149	106237	3.07	ng	#	98
74) Fluoranthene	12.59	202	103280	3.40	ng		93
76) Benzidine	12.71	184	54446	2.90	ng		99
77) Pyrene	12.81	202	106165	2.38	ng		98
79) Butylbenzylphthalate	13.43	149	47371	2.43	ng	#	73
80) Benzo(a)anthracene	14.00	228	86335	2.54	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	30951	2.69	ng	#	96
82) Chrysene	14.04	228	88169	2.78	ng		99
83) Bis(2-ethylhexyl)phthalate	13.99	149	67832	2.85	ng		97
84) Di-n-octyl phthalate	14.61	149	109201	3.07	ng		98
85) Indeno(1,2,3-cd)pyrene	16.83	276	76063	2.71	ng		98
87) Benzo(b)fluoranthene	15.03	252	92502m	2.75	ng		
88) Benzo(k)fluoranthene	15.05	252	68289m	2.53	ng		
89) Benzo(a)pyrene	15.37	252	73386	2.53	ng		99
90) Dibenzo(a,h)anthracene	16.85	278	62854	2.30	ng		99
91) Benzo(g,h,i)perylene	17.25	276	62144	2.24	ng		96

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

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