Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031516\
Data File : BF085459.D
Acq On : 15 Mar 2016 16:43
Operator : UM/SJ
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC060

Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:34 PM

Quant Time: Mar 15 18:58:28 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 16:07:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	186092	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	733576	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	324887	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	598007	20.00	ng		0.00
75) Chrysene-d12	14.08	240	399332	20.00	ng		0.00
86) Perylene-d12	15.52	264	285885	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1121491	101.09	ng		0.00
7) Phenol-d6	6.55	99	1530367	105.29	ng		0.00
23) Nitrobenzene-d5	7.49	82	1330519	97.06	ng		0.00
41) 2,4,6-Tribromophenol	10.76	330	384785	138.42	ng		0.00
44) 2-Fluorobiphenyl	9.28	172	1949391	91.25	ng		0.00
78) Terphenyl-d14	13.03	244	1941069	112.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	304298	53.64	ng		97
3) Pyridine	3.30	79	770775	54.28	ng		97
4) n-Nitrosodimethylamine	3.27	42	330455	54.38	ng		96
6) Aniline	6.58	93	1084058	53.21	ng		97
8) 2-Chlorophenol	6.70	128	656887	49.18	ng		97
10) Phenol	6.56	94	821512	52.77	ng		84
11) bis(2-Chloroethyl)ether	6.65	93	642404	49.68	ng		97
12) 1,3-Dichlorobenzene	6.86	146	790903	55.16	ng		99
13) 1,4-Dichlorobenzene	6.93	146	736237	51.23	ng		100
14) 1,2-Dichlorobenzene	7.09	146	663903	50.92	ng		99
15) Benzyl Alcohol	7.06	79	558011	52.30	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.19	45	915451	49.12	ng		97
17) 2-Methylphenol	7.17	107	618673	56.77	ng		97
18) Hexachloroethane	7.43	117	288812	54.48	ng		95
19) n-Nitroso-di-n-propylamine	7.34	70	430346	45.43	ng	#	91
20) 3+4-Methylphenols	7.33	107	603119	46.72	ng	#	82
22) Acetophenone	7.34	105	933657	52.14	ng	#	92
24) Nitrobenzene	7.51	77	829174	59.54	ng	#	84
25) Isophorone	7.75	82	1431278	56.34	ng		96
26) 2-Nitrophenol	7.82	139	405885	59.89	ng	#	79
27) 2,4-Dimethylphenol	7.85	122	688352	55.58	ng		94
28) bis(2-Chloroethoxy)methane	7.96	93	863697	61.05	ng		98
29) 2,4-Dichlorophenol	8.06	162	523434	52.40	ng		88
30) 1,2,4-Trichlorobenzene	8.14	180	613303	56.79	ng		98
31) Naphthalene	8.23	128	2002502	55.52	ng		99
32) Benzoic acid	8.00	122	378760	46.04	ng		98
33) 4-Chloroaniline	8.28	127	886502	60.76	ng	#	94
34) Hexachlorobutadiene	8.34	225	341512	60.78	ng		99
35) Caprolactam	8.68	113	199996	61.31	ng	#	77
36) 4-Chloro-3-methylphenol	8.76	107	574379	50.69	ng		99
37) 2-Methylnaphthalene	8.92	142	1151486	49.75	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	602961	64.89	ng		98
40) Hexachlorocyclopentadiene	9.06	237	308211	61.50	ng		100
42) 2,4,6-Trichlorophenol	9.19	196	379999	54.94	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.24	196	394668	60.18	ng		97
45) 1,1'-Biphenyl	9.38	154	1515872	54.61	ng		95
46) 2-Chloronaphthalene	9.41	162	1105770	52.26	ng		94
47) 2-Nitroaniline	9.50	65	325973	49.72	ng		91
48) Acenaphthylene	9.82	152	1729443	52.52	ng		99
49) Dimethylphthalate	9.69	163	1405927	56.38	ng		99
50) 2,6-Dinitrotoluene	9.75	165	347814	65.20	ng	#	87
51) Acenaphthene	9.99	154	1122554	56.14	ng		99
52) 3-Nitroaniline	9.92	138	404346	63.35	ng		87
53) 2,4-Dinitrophenol	10.02	184	171640	77.11	ng	#	34
54) Dibenzofuran	10.16	168	1333915	50.92	ng		98
55) 4-Nitrophenol	10.07	139	261316	52.10	ng	#	73
56) 2,4-Dinitrotoluene	10.15	165	380486	55.73	ng		99
57) Fluorene	10.50	166	1065136	51.77	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.29	232	281545	61.11	ng		92
59) Diethylphthalate	10.38	149	1215056	50.21	ng		96
60) 4-Chlorophenyl-phenylether	10.49	204	551072	55.04	ng		90
61) 4-Nitroaniline	10.54	138	385241	64.53	ng		91
62) Azobenzene	10.65	77	1259392	52.83	ng		97
64) 4,6-Dinitro-2-methylphenol	10.56	198	222042	62.01	ng		80
65) n-Nitrosodiphenylamine	10.62	169	926382	49.81	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	332101	57.19	ng	#	90
67) Hexachlorobenzene	11.05	284	353446	57.06	ng	#	84
68) Atrazine	11.14	200	255730	49.44	ng		98
69) Pentachlorophenol	11.25	266	208168	60.54	ng		98
70) Phenanthrene	11.46	178	1660985	53.00	ng		100
71) Anthracene	11.52	178	1680150	50.50	ng		98
72) Carbazole	11.67	167	1415923	48.53	ng		99
73) Di-n-butylphthalate	12.00	149	1806066	48.98	ng		99
74) Fluoranthene	12.65	202	1515526	48.19	ng		97
76) Benzidine	12.77	184	635799	53.50	ng		98
77) Pyrene	12.88	202	1543638	51.36	ng		99
79) Butylbenzylphthalate	13.50	149	740652	54.31	ng	#	84
80) Benzo(a)anthracene	14.07	228	1228890	51.41	ng		100
81) 3,3'-Dichlorobenzidine	14.04	252	435158	57.70	ng	#	95
82) Chrysene	14.11	228	1004601	45.49	ng		99
83) Bis(2-ethylhexyl)phthalate	14.06	149	884864	49.31	ng	#	96
84) Di-n-octyl phthalate	14.67	149	1280712	46.86	ng		99
85) Indeno(1,2,3-cd)pyrene	16.99	276	1154553	66.99	ng		97
87) Benzo(b)fluoranthene	15.11	252	983978	51.64	ng		97
88) Benzo(k)fluoranthene	15.15	252	990139m	64.42	ng		
89) Benzo(a)pyrene	15.48	252	960480	60.83	ng		99
90) Dibenzo(a,h)anthracene	17.00	278	953877	70.77	ng		98
91) Benzo(g,h,i)perylene	17.42	276	977851	72.15	ng		100

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

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