Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078855.D
Acq On : 30 Apr 2015 17:58
Operator : TP/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
apatel
5/1/2015 4:43:33 PM

Quant Time: Apr 30 18:39:08 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 30 18:01:44 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	74632	20.00	ng		0.00
21) Naphthalene-d8	8.95	136	308481	20.00	ng		0.00
38) Acenaphthene-d10	11.12	164	147134	20.00	ng		-0.01
63) Phenanthrene-d10	12.97	188	291072	20.00	ng		0.00
75) Chrysene-d12	16.26	240	306136	20.00	ng		-0.03
86) Perylene-d12	18.02	264	306914	20.00	ng		-0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	92559	10.80	ng		0.00
7) Phenol-d6	6.91	99	124892	11.04	ng		-0.01
23) Nitrobenzene-d5	8.06	82	114783	10.75	ng		-0.01
41) 2,4,6-Tribromophenol	12.10	330	33238	10.20	ng		-0.01
44) 2-Fluorobiphenyl	10.30	172	239184	11.90	ng		0.00
78) Terphenyl-d14	14.97	244	291642	11.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	17864	9.38	ng	#	1
3) Pyridine	3.15	79	54786	9.92	ng		97
4) n-Nitrosodimethylamine	3.04	42	21316	8.84	ng	#	96
6) Aniline	6.96	93	85414	10.66	ng		99
8) 2-Chlorophenol	7.10	128	52321	10.83	ng		98
9) Benzaldehyde	6.82	77	42164	11.42	ng		99
10) Phenol	6.92	94	69757	10.60	ng		98
11) bis(2-Chloroethyl)ether	7.05	93	51230	10.70	ng		97
12) 1,3-Dichlorobenzene	7.29	146	58354	10.91	ng		96
13) 1,4-Dichlorobenzene	7.39	146	61536	11.17	ng		97
14) 1,2-Dichlorobenzene	7.58	146	57537	11.15	ng		100
15) Benzyl Alcohol	7.54	79	43987	10.36	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.72	45	79027	10.90	ng		98
17) 2-Methylphenol	7.68	107	40699	10.30	ng		95
18) Hexachloroethane	8.00	117	20952	10.81	ng		98
19) n-Nitroso-di-n-propylamine	7.87	70	38956	10.10	ng		97
20) 3+4-Methylphenols	7.87	107	54203	10.23	ng		98
22) Acetophenone	7.87	105	76321	11.35	ng		96
24) Nitrobenzene	8.08	77	59494	11.31	ng		97
25) Isophorone	8.38	82	103886	10.50	ng		96
26) 2-Nitrophenol	8.48	139	21085	8.96	ng		95
27) 2,4-Dimethylphenol	8.54	122	43668	9.76	ng		98
28) bis(2-Chloroethoxy)methane	8.66	93	64391	10.49	ng		98
29) 2,4-Dichlorophenol	8.76	162	40756	10.30	ng		94
30) 1,2,4-Trichlorobenzene	8.88	180	46451	11.06	ng		100
31) Naphthalene	8.97	128	159901	11.30	ng		99
32) Benzoic acid	8.58	122	18514m	6.94	ng		
33) 4-Chloroaniline	9.04	127	66828	10.87	ng		96
34) Hexachlorobutadiene	9.13	225	25795	10.69	ng		95
35) Caprolactam	9.45	113	12185	9.54	ng		90
36) 4-Chloro-3-methylphenol	9.63	107	41033	9.67	ng		90
37) 2-Methylnaphthalene	9.83	142	107154	10.67	ng		99
39) 1,2,4,5-Tetrachlorobenzene	10.03	216	45418	11.29	ng	#	100
40) Hexachlorocyclopentadiene	10.02	237	19448	9.21	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	10.18	196	30698	10.69	ng		96
43) 2,4,5-Trichlorophenol	10.22	196	29031	9.96	ng		92
45) 1,1'-Biphenyl	10.41	154	126099	11.13	ng		98
46) 2-Chloronaphthalene	10.43	162	99776	11.36	ng		98
47) 2-Nitroaniline	10.56	65	26537	9.72	ng		91
48) Acenaphthylene	10.95	152	165172	11.31	ng		99
49) Dimethylphthalate	10.80	163	119504	11.49	ng		99
50) 2,6-Dinitrotoluene	10.87	165	20458	9.52	ng		97
51) Acenaphthene	11.17	154	99887	11.60	ng		98
52) 3-Nitroaniline	11.07	138	27393	10.14	ng		97
53) 2,4-Dinitrophenol	11.20	184	3258	4.78	ng	#	81
54) Dibenzofuran	11.38	168	144583	11.72	ng		98
55) 4-Nitrophenol	11.27	139	20009	9.40	ng	#	83
56) 2,4-Dinitrotoluene	11.36	165	25101	8.72	ng		91
57) Fluorene	11.81	166	118880	11.66	ng		98
58) 2,3,4,6-Tetrachlorophenol	11.53	232	24327	10.41	ng	#	100
59) Diethylphthalate	11.68	149	117337	11.21	ng		99
60) 4-Chlorophenyl-phenylether	11.82	204	53200	11.72	ng		97
61) 4-Nitroaniline	11.83	138	26496	9.61	ng		91
62) Azobenzene	12.01	77	116496	11.19	ng		97
64) 4,6-Dinitro-2-methylphenol	11.86	198	7624	6.12	ng		98
65) n-Nitrosodiphenylamine	11.95	169	100059	10.32	ng		99
66) 4-Bromophenyl-phenylether	12.42	248	32523	10.95	ng		99
67) Hexachlorobenzene	12.48	284	37243	10.97	ng		94
68) Atrazine	12.63	200	29196	10.28	ng		97
69) Pentachlorophenol	12.73	266	12864	7.01	ng		95
70) Phenanthrene	13.01	178	172537	10.87	ng		98
71) Anthracene	13.06	178	172702	10.95	ng		98
72) Carbazole	13.27	167	164432	10.99	ng		97
73) Di-n-butylphthalate	13.71	149	184208	9.85	ng		99
74) Fluoranthene	14.48	202	181201	10.75	ng		95
76) Benzidine	14.65	184	83316	9.82	ng		98
77) Pyrene	14.77	202	191228	11.04	ng		98
79) Butylbenzylphthalate	15.59	149	75689	9.28	ng		85
80) Benzo(a)anthracene	16.25	228	180223	10.87	ng		99
81) 3,3'-Dichlorobenzidine	16.23	252	60561	9.78	ng	#	97
82) Chrysene	16.30	228	179955	11.78	ng		99
83) Bis(2-ethylhexyl)phthalate	16.31	149	119920	9.83	ng		98
84) Di-n-octyl phthalate	17.11	149	187175	8.94	ng	#	100
85) Indeno(1,2,3-cd)pyrene	19.53	276	211254	10.19	ng	#	100
87) Benzo(b)fluoranthene	17.57	252	173466	10.50	ng	#	95
88) Benzo(k)fluoranthene	17.60	252	186298m	11.60	ng		
89) Benzo(a)pyrene	17.95	252	163928	10.71	ng		99
90) Dibenzo(a,h)anthracene	19.57	278	169130	10.26	ng		97
91) Benzo(g,h,i)perylene	19.98	276	172341	10.54	ng		99

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

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