Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083111.D
Acq On : 21 Nov 2015 13:59
Operator : UM/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:18 PM

Quant Time: Nov 22 01:01:34 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 21 23:51:23 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	172113	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	648610	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	330499	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	644143	20.00	ng		0.00
75) Chrysene-d12	13.81	240	581585	20.00	ng		0.00
86) Perylene-d12	15.17	264	513364	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	234554	20.99	ng		0.01
7) Phenol-d6	6.34	99	322972	22.34	ng		0.00
23) Nitrobenzene-d5	7.23	82	300463	21.47	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	67422	20.16	ng		0.00
44) 2-Fluorobiphenyl	9.03	172	539920	23.83	ng		0.00
78) Terphenyl-d14	12.75	244	506836	20.86	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	54760	9.80	ng		97
3) Pyridine	3.24	79	141846m	10.03	ng		
4) n-Nitrosodimethylamine	2.86	42	56985	8.04	ng	#	91
6) Aniline	6.34	93	176407	9.57	ng	#	83
8) 2-Chlorophenol	6.46	128	130739	10.82	ng		98
9) Benzaldehyde	6.22	77	93730	12.72	ng		99
10) Phenol	6.35	94	190474	10.95	ng		89
11) bis(2-Chloroethyl)ether	6.40	93	125146	10.04	ng		97
12) 1,3-Dichlorobenzene	6.59	146	147136m	10.97	ng		
13) 1,4-Dichlorobenzene	6.67	146	149800	10.92	ng		96
14) 1,2-Dichlorobenzene	6.83	146	135714	10.82	ng		95
15) Benzyl Alcohol	6.84	79	114784	9.45	ng		92
16) 2,2'-oxybis(1-Chloropropan	6.96	45	208841	10.81	ng	#	29
17) 2-Methylphenol	6.96	107	104228	10.48	ng	#	92
18) Hexachloroethane	7.18	117	48546	9.80	ng	#	69
19) n-Nitroso-di-n-propylamine	7.11	70	105969	10.47	ng	#	93
20) 3+4-Methylphenols	7.12	107	135710	10.80	ng		94
22) Acetophenone	7.10	105	194391	10.60	ng		94
24) Nitrobenzene	7.26	77	152723	10.19	ng	#	87
25) Isophorone	7.53	82	267396	10.01	ng		100
26) 2-Nitrophenol	7.58	139	63109	9.31	ng	#	81
27) 2,4-Dimethylphenol	7.63	122	117684	10.99	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	152651	9.83	ng	#	98
29) 2,4-Dichlorophenol	7.83	162	109317	10.81	ng		98
30) 1,2,4-Trichlorobenzene	7.90	180	113328	10.30	ng		95
31) Naphthalene	7.96	128	366228	10.76	ng		98
32) Benzoic acid	7.77	122	74368	8.66	ng		96
33) 4-Chloroaniline	8.04	127	135791	10.04	ng	#	87
34) Hexachlorobutadiene	8.09	225	66870	10.29	ng		98
35) Caprolactam	8.48	113	28615	9.27	ng		97
36) 4-Chloro-3-methylphenol	8.54	107	129038	11.03	ng		87
37) 2-Methylnaphthalene	8.66	142	253028	11.50	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	108156	10.20	ng		98
40) Hexachlorocyclopentadiene	8.82	237	57803	9.19	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.96	196	74422	9.71	ng		97
43) 2,4,5-Trichlorophenol	8.99	196	80020	10.23	ng	#	81
45) 1,1'-Biphenyl	9.13	154	293254	10.66	ng		95
46) 2-Chloronaphthalene	9.14	162	230500	10.65	ng		95
47) 2-Nitroaniline	9.26	65	82317	10.39	ng		100
48) Acenaphthylene	9.55	152	371075	11.06	ng		99
49) Dimethylphthalate	9.44	163	255083	10.23	ng		100
50) 2,6-Dinitrotoluene	9.50	165	60071	10.48	ng		93
51) Acenaphthene	9.72	154	207688	10.22	ng		99
52) 3-Nitroaniline	9.67	138	64607	10.29	ng		95
53) 2,4-Dinitrophenol	9.77	184	27303	8.30	ng	#	76
54) Dibenzofuran	9.90	168	315899	11.04	ng		97
55) 4-Nitrophenol	9.86	139	41114m	8.81	ng		
56) 2,4-Dinitrotoluene	9.90	165	77127	10.66	ng		95
57) Fluorene	10.24	166	260809	11.03	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.03	232	67711	10.57	ng		98
59) Diethylphthalate	10.14	149	256919	10.29	ng		97
60) 4-Chlorophenyl-phenylether	10.24	204	124658	11.60	ng	#	87
61) 4-Nitroaniline	10.27	138	56758	9.20	ng		77
62) Azobenzene	10.40	77	311784	10.98	ng		90
64) 4,6-Dinitro-2-methylphenol	10.30	198	42739	9.27	ng	#	61
65) n-Nitrosodiphenylamine	10.36	169	219124	10.17	ng		98
66) 4-Bromophenyl-phenylether	10.73	248	69062	9.72	ng	#	74
67) Hexachlorobenzene	10.79	284	83371	10.71	ng	#	84
68) Atrazine	10.91	200	67536	10.74	ng		97
69) Pentachlorophenol	10.99	266	48954	9.33	ng		97
70) Phenanthrene	11.20	178	390149	10.88	ng		99
71) Anthracene	11.24	178	407606	10.99	ng		99
72) Carbazole	11.42	167	338927	10.29	ng		98
73) Di-n-butylphthalate	11.76	149	426557	10.52	ng		98
74) Fluoranthene	12.38	202	410251	11.10	ng		98
76) Benzidine	12.52	184	134508	8.82	ng		97
77) Pyrene	12.60	202	411437	10.50	ng		98
79) Butylbenzylphthalate	13.25	149	182483	9.64	ng		88
80) Benzo(a)anthracene	13.79	228	371189	10.07	ng		99
81) 3,3'-Dichlorobenzidine	13.76	252	122110	9.75	ng		98
82) Chrysene	13.83	228	352935	11.39	ng		96
83) Bis(2-ethylhexyl)phthalate	13.81	149	243495	9.99	ng	#	97
84) Di-n-octyl phthalate	14.42	149	424956	10.17	ng		96
85) Indeno(1,2,3-cd)pyrene	16.43	276	318663	10.79	ng		96
87) Benzo(b)fluoranthene	14.79	252	304638m	8.94	ng		
88) Benzo(k)fluoranthene	14.82	252	324932m	12.54	ng		
89) Benzo(a)pyrene	15.11	252	298800	10.56	ng	#	97
90) Dibenzo(a,h)anthracene	16.45	278	269423	10.49	ng	#	96
91) Benzo(g,h,i)perylene	16.81	276	253544	10.11	ng	#	94

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

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