Quantitation Report (QT Reviewed)

Data Path : V:\HPCHEM1\BNA F\DATA\BF112115\
Data File : BF083110.D
Acq On : 21 Nov 2015 13:29
Operator : UM/IZ
Sample : SSTDICC02.5
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC02.5

Manual Integrations APPROVED
Mmdadoda
11/23/2015 7:01:17 PM

Quant Time: Nov 22 01:13:30 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF112115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Nov 22 00:02:46 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	174966	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	677448	20.00	ng		0.00
38) Acenaphthene-d10	9.70	164	354225	20.00	ng		0.00
63) Phenanthrene-d10	11.18	188	684189	20.00	ng		0.00
75) Chrysene-d12	13.81	240	642512	20.00	ng		0.00
86) Perylene-d12	15.17	264	550677	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	64238	5.65	ng		0.02
7) Phenol-d6	6.35	99	83167	5.66	ng		0.01
23) Nitrobenzene-d5	7.23	82	80348	5.50	ng		0.00
41) 2,4,6-Tribromophenol	10.49	330	19318	5.39	ng		0.00
44) 2-Fluorobiphenyl	9.03	172	160426	6.60	ng		0.00
78) Terphenyl-d14	12.75	244	149637	5.57	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	15046	2.65	ng	#	87
6) Aniline	6.35	93	39222	2.09	ng		97
8) 2-Chlorophenol	6.47	128	34611	2.82	ng		87
9) Benzaldehyde	6.23	77	24583	3.28	ng		84
10) Phenol	6.36	94	51720	2.92	ng		85
11) bis(2-Chloroethyl)ether	6.41	93	36354	2.87	ng		85
12) 1,3-Dichlorobenzene	6.59	146	40697m	2.98	ng		
13) 1,4-Dichlorobenzene	6.67	146	43524	3.12	ng		98
14) 1,2-Dichlorobenzene	6.83	146	38364	3.01	ng		96
15) Benzyl Alcohol	6.84	79	33698	2.73	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.96	45	58364	2.97	ng	#	46
17) 2-Methylphenol	6.96	107	29370	2.90	ng	#	82
18) Hexachloroethane	7.18	117	13512	2.68	ng	#	80
19) n-Nitroso-di-n-propylamine	7.11	70	27993	2.72	ng	#	90
20) 3+4-Methylphenols	7.13	107	37275	2.92	ng		96
22) Acetophenone	7.10	105	52969	2.76	ng	#	98
24) Nitrobenzene	7.26	77	42370	2.71	ng		91
25) Isophorone	7.53	82	72733	2.61	ng		95
26) 2-Nitrophenol	7.58	139	16149	2.28	ng	#	83
27) 2,4-Dimethylphenol	7.64	122	27584	2.47	ng		89
28) bis(2-Chloroethoxy)methane	7.72	93	42348	2.61	ng		100
29) 2,4-Dichlorophenol	7.84	162	27401	2.60	ng		96
30) 1,2,4-Trichlorobenzene	7.90	180	31715	2.76	ng		97
31) Naphthalene	7.96	128	106334	2.99	ng		97
33) 4-Chloroaniline	8.04	127	36253	2.57	ng	#	89
34) Hexachlorobutadiene	8.09	225	18740	2.76	ng		98
35) Caprolactam	8.49	113	7612	2.36	ng	#	91
36) 4-Chloro-3-methylphenol	8.55	107	31873	2.61	ng		95
37) 2-Methylnaphthalene	8.66	142	70525	3.07	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.82	216	30450	2.68	ng		99
42) 2,4,6-Trichlorophenol	8.96	196	20620	2.51	ng		95
43) 2,4,5-Trichlorophenol	9.00	196	21408	2.55	ng		98
45) 1,1'-Biphenyl	9.13	154	85152	2.89	ng		96
46) 2-Chloronaphthalene	9.14	162	66371	2.86	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Nitroaniline	9.27	65	19261	2.27	ng	#	75
48) Acenaphthylene	9.55	152	102667	2.85	ng		99
49) Dimethylphthalate	9.44	163	76481	2.86	ng		96
50) 2,6-Dinitrotoluene	9.50	165	14892	2.42	ng		96
51) Acenaphthene	9.72	154	64019	2.94	ng		97
54) Dibenzofuran	9.91	168	92702	3.02	ng		92
56) 2,4-Dinitrotoluene	9.90	165	19402	2.50	ng	#	87
57) Fluorene	10.24	166	76682	3.03	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.03	232	17706	2.58	ng		97
59) Diethylphthalate	10.14	149	73752	2.76	ng		95
60) 4-Chlorophenyl-phenylether	10.24	204	36359	3.16	ng		89
62) Azobenzene	10.40	77	85782	2.82	ng		90
65) n-Nitrosodiphenylamine	10.36	169	63996	2.80	ng		99
66) 4-Bromophenyl-phenylether	10.73	248	19611	2.60	ng	#	77
67) Hexachlorobenzene	10.79	284	22346	2.70	ng	#	86
68) Atrazine	10.91	200	18020	2.70	ng		95
69) Pentachlorophenol	10.99	266	11733	2.11	ng		95
70) Phenanthrene	11.20	178	118747	3.12	ng		99
71) Anthracene	11.24	178	113012	2.87	ng		98
72) Carbazole	11.42	167	100942	2.89	ng		99
73) Di-n-butylphthalate	11.76	149	117411	2.73	ng		98
74) Fluoranthene	12.38	202	117375	2.99	ng		98
77) Pyrene	12.60	202	118950	2.75	ng		97
79) Butylbenzylphthalate	13.24	149	49860	2.38	ng	#	88
80) Benzo(a)anthracene	13.79	228	101361	2.49	ng		99
81) 3,3'-Dichlorobenzidine	13.77	252	34431	2.49	ng	#	92
82) Chrysene	13.83	228	105407	3.08	ng		96
83) Bis(2-ethylhexyl)phthalate	13.82	149	70843	2.63	ng	#	98
84) Di-n-octyl phthalate	14.42	149	124923	2.71	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.45	276	97244	2.98	ng	#	94
87) Benzo(b)fluoranthene	14.80	252	110573m	3.03	ng		
88) Benzo(k)fluoranthene	14.82	252	74176m	2.67	ng		
89) Benzo(a)pyrene	15.12	252	88592	2.92	ng		98
90) Dibenzo(a,h)anthracene	16.46	278	80501	2.92	ng		98
91) Benzo(g,h,i)perylene	16.82	276	78437	2.91	ng		97

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

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