Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012916\
Data File : BF084625.D
Acq On : 29 Jan 2016 9:39
Operator : SJ/IZ
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
2/1/2016 2:23:30 PM

Quant Time: Jan 29 11:14:03 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 10:50:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	133670	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	460360	20.00	ng		-0.01
38) Acenaphthene-d10	9.77	164	213941	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	421516	20.00	ng		0.00
75) Chrysene-d12	13.87	240	446280	20.00	ng		0.00
86) Perylene-d12	15.25	264	342615	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	222412	26.91	ng		0.00
7) Phenol-d6	6.36	99	269610	25.98	ng		-0.01
23) Nitrobenzene-d5	7.29	82	184134	22.26	ng		-0.01
41) 2,4,6-Tribromophenol	10.54	330	51676	23.92	ng		-0.01
44) 2-Fluorobiphenyl	9.09	172	338211	24.01	ng		0.00
78) Terphenyl-d14	12.82	244	306880	15.35	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.22	88	46502	11.88	ng	#	80
3) Pyridine	2.94	79	117228	10.74	ng	#	73
4) n-Nitrosodimethylamine	2.85	42	58144	10.38	ng		84
6) Aniline	6.38	93	177847	11.71	ng		89
8) 2-Chlorophenol	6.51	128	120122	12.81	ng		94
9) Benzaldehyde	6.27	77	78662	11.64	ng		95
10) Phenol	6.37	94	150691	12.77	ng		96
11) bis(2-Chloroethyl)ether	6.46	93	110940	12.14	ng		96
12) 1,3-Dichlorobenzene	6.66	146	131445m	13.59	ng		
13) 1,4-Dichlorobenzene	6.74	146	111230	11.47	ng		96
14) 1,2-Dichlorobenzene	6.90	146	85063	9.16	ng		91
15) Benzyl Alcohol	6.88	79	70855	8.12	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.01	45	160950	9.67	ng		84
17) 2-Methylphenol	6.99	107	76564	9.74	ng		93
18) Hexachloroethane	7.24	117	36364	9.38	ng	#	83
19) n-Nitroso-di-n-propylamine	7.14	70	62020	8.83	ng	#	67
20) 3+4-Methylphenols	7.15	107	88359	9.57	ng		88
22) Acetophenone	7.14	105	136597	12.34	ng	#	97
24) Nitrobenzene	7.31	77	97189	11.58	ng		96
25) Isophorone	7.55	82	174376	11.02	ng		99
26) 2-Nitrophenol	7.63	139	44813	11.74	ng		92
27) 2,4-Dimethylphenol	7.68	122	83004	10.74	ng		95
28) bis(2-Chloroethoxy)methane	7.77	93	99177	10.26	ng		99
29) 2,4-Dichlorophenol	7.87	162	69080	10.73	ng		94
30) 1,2,4-Trichlorobenzene	7.95	180	73645	11.08	ng		97
31) Naphthalene	8.03	128	267626	12.81	ng		97
32) Benzoic acid	7.77	122	51589	11.31	ng		91
33) 4-Chloroaniline	8.09	127	104576	10.92	ng		99
34) Hexachlorobutadiene	8.16	225	50774	13.29	ng		99
35) Caprolactam	8.43	113	19685	9.07	ng	#	59
36) 4-Chloro-3-methylphenol	8.57	107	73006	10.12	ng	#	80
37) 2-Methylnaphthalene	8.73	142	151560	10.11	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	78486	12.76	ng		99
40) Hexachlorocyclopentadiene	8.88	237	26448	7.12	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	44945	9.77	ng		98
43) 2,4,5-Trichlorophenol	9.05	196	49744	11.28	ng		95
45) 1,1'-Biphenyl	9.18	154	214797	12.63	ng		98
46) 2-Chloronaphthalene	9.21	162	162062	12.13	ng		95
47) 2-Nitroaniline	9.31	65	48241	10.94	ng	#	86
48) Acenaphthylene	9.62	152	241681	12.25	ng		99
49) Dimethylphthalate	9.49	163	182105	11.91	ng	#	90
50) 2,6-Dinitrotoluene	9.55	165	38912	11.60	ng	#	61
51) Acenaphthene	9.79	154	155909	11.78	ng		98
52) 3-Nitroaniline	9.72	138	37874	9.11	ng	#	73
53) 2,4-Dinitrophenol	9.82	184	14642	14.70	ng	#	77
54) Dibenzofuran	9.96	168	189291	9.76	ng	#	90
55) 4-Nitrophenol	9.89	139	26218	8.69	ng		90
56) 2,4-Dinitrotoluene	9.95	165	51589	12.15	ng	#	97
57) Fluorene	10.30	166	172908	11.54	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.09	232	38653	10.26	ng		90
59) Diethylphthalate	10.19	149	187684	12.45	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	87320	14.47	ng		97
61) 4-Nitroaniline	10.33	138	37447	10.11	ng		88
62) Azobenzene	10.46	77	169448	10.24	ng		94
64) 4,6-Dinitro-2-methylphenol	10.36	198	22696	9.92	ng	#	72
65) n-Nitrosodiphenylamine	10.42	169	141547	10.50	ng		97
66) 4-Bromophenyl-phenylether	10.80	248	46757	10.31	ng		99
67) Hexachlorobenzene	10.85	284	54986	10.77	ng		98
68) Atrazine	10.96	200	41723	9.46	ng		94
69) Pentachlorophenol	11.05	266	20144	7.61	ng		98
70) Phenanthrene	11.26	178	252891	11.47	ng		99
71) Anthracene	11.31	178	241071	11.15	ng		98
72) Carbazole	11.47	167	205752	9.74	ng		98
73) Di-n-butylphthalate	11.81	149	266108	11.37	ng	#	97
74) Fluoranthene	12.44	202	232033	10.07	ng		99
76) Benzidine	12.58	184	122480	7.65	ng		98
77) Pyrene	12.67	202	246389	7.04	ng		98
79) Butylbenzylphthalate	13.31	149	125389	8.27	ng	#	87
80) Benzo(a)anthracene	13.86	228	283443	10.82	ng		98
81) 3,3'-Dichlorobenzidine	13.83	252	90395	9.88	ng	#	94
82) Chrysene	13.89	228	261041	10.37	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	175455	9.16	ng	#	98
84) Di-n-octyl phthalate	14.48	149	252643	7.82	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.57	276	202696	10.15	ng		97
87) Benzo(b)fluoranthene	14.87	252	281216m	12.55	ng		
88) Benzo(k)fluoranthene	14.90	252	157199m	8.58	ng		
89) Benzo(a)pyrene	15.20	252	204823	10.77	ng		99
90) Dibenzo(a,h)anthracene	16.58	278	170661	10.43	ng		96
91) Benzo(g,h,i)perylene	16.96	276	169535	10.01	ng		95

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

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