Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121815\
Data File : BF083882.D
Acq On : 17 Dec 2015 18:35
Operator : UM/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
MMdadoda
12/18/2015 6:21:37 PM

Quant Time: Dec 18 00:43:38 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 18 00:15:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	70629	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	257522	20.00	ng		0.00
38) Acenaphthene-d10	9.92	164	156247	20.00	ng		0.00
63) Phenanthrene-d10	11.39	188	293856	20.00	ng		0.00
75) Chrysene-d12	14.03	240	208796	20.00	ng		0.00
86) Perylene-d12	15.47	264	170682	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	229085	52.57	ng		-0.01
7) Phenol-d6	6.51	99	277748	50.40	ng		0.00
23) Nitrobenzene-d5	7.44	82	248503	55.21	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	83515	52.28	ng		-0.01
44) 2-Fluorobiphenyl	9.23	172	547479	50.06	ng		-0.01
78) Terphenyl-d14	12.98	244	496691	51.58	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	42333	20.48	ng		98
3) Pyridine	3.21	79	101492	19.60	ng		98
4) n-Nitrosodimethylamine	3.13	42	38146	19.31	ng		100
6) Aniline	6.53	93	177170	24.01	ng	#	79
8) 2-Chlorophenol	6.66	128	134519	26.76	ng		94
9) Benzaldehyde	6.42	77	77391	25.91	ng		96
10) Phenol	6.52	94	164685	26.38	ng		92
11) bis(2-Chloroethyl)ether	6.60	93	107808	22.98	ng		90
12) 1,3-Dichlorobenzene	6.82	146	138056	25.67	ng		98
13) 1,4-Dichlorobenzene	6.89	146	138622	25.54	ng		98
14) 1,2-Dichlorobenzene	7.05	146	131208	26.80	ng		97
15) Benzyl Alcohol	7.01	79	94576	24.01	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.15	45	114978	20.06	ng		98
17) 2-Methylphenol	7.13	107	91623	22.59	ng		95
18) Hexachloroethane	7.39	117	53861	27.67	ng		98
19) n-Nitroso-di-n-propylamine	7.29	70	75863	22.71	ng	#	87
20) 3+4-Methylphenols	7.29	107	119608	24.98	ng	#	87
22) Acetophenone	7.29	105	164003	26.57	ng	#	96
24) Nitrobenzene	7.46	77	130588	27.48	ng	#	88
25) Isophorone	7.70	82	211549	24.14	ng		96
26) 2-Nitrophenol	7.78	139	58657	25.28	ng		94
27) 2,4-Dimethylphenol	7.81	122	106895	24.43	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	117093	23.29	ng		99
29) 2,4-Dichlorophenol	8.02	162	96214	26.10	ng		96
30) 1,2,4-Trichlorobenzene	8.10	180	99775	26.30	ng		98
31) Naphthalene	8.18	128	356598	26.94	ng		99
32) Benzoic acid	7.92	122	36835	14.57	ng		93
33) 4-Chloroaniline	8.22	127	139229	26.22	ng		97
34) Hexachlorobutadiene	8.30	225	61897	29.09	ng		98
35) Caprolactam	8.59	113	30801	26.41	ng	#	76
36) 4-Chloro-3-methylphenol	8.72	107	119043	27.94	ng		91
37) 2-Methylnaphthalene	8.88	142	266059	31.83	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.04	216	113770	24.95	ng		100
40) Hexachlorocyclopentadiene	9.02	237	20001	9.47	ng		96

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Quant Time: Dec 18 00:43:38 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121815.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	81765	24.76	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	78125	25.06	ng		97
45) 1,1'-Biphenyl	9.33	154	362162	26.61	ng		99
46) 2-Chloronaphthalene	9.36	162	267296	26.39	ng		98
47) 2-Nitroaniline	9.45	65	72607	25.99	ng		97
48) Acenaphthylene	9.77	152	435660	25.54	ng		99
49) Dimethylphthalate	9.63	163	307171	25.22	ng		98
50) 2,6-Dinitrotoluene	9.69	165	66765	25.68	ng	#	46
51) Acenaphthene	9.94	154	264483	25.55	ng		100
52) 3-Nitroaniline	9.86	138	74751	26.00	ng		92
53) 2,4-Dinitrophenol	9.97	184	14325	17.54	ng		98
54) Dibenzofuran	10.11	168	353561	25.80	ng		91
55) 4-Nitrophenol	10.03	139	48400	23.11	ng		80
56) 2,4-Dinitrotoluene	10.10	165	99294	29.58	ng	#	78
57) Fluorene	10.45	166	293770	26.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.24	232	63684	26.93	ng		89
59) Diethylphthalate	10.33	149	323111	26.35	ng		96
60) 4-Chlorophenyl-phenylether	10.45	204	142756	29.01	ng		93
61) 4-Nitroaniline	10.48	138	80357	30.66	ng	#	76
62) Azobenzene	10.61	77	287570	25.97	ng		92
64) 4,6-Dinitro-2-methylphenol	10.51	198	37500	23.02	ng		78
65) n-Nitrosodiphenylamine	10.57	169	270813	27.56	ng		99
66) 4-Bromophenyl-phenylether	10.93	248	86458	26.42	ng	#	65
67) Hexachlorobenzene	11.01	284	94908	26.59	ng	#	91
68) Atrazine	11.09	200	87403	31.29	ng		99
69) Pentachlorophenol	11.21	266	32536	17.62	ng		99
70) Phenanthrene	11.41	178	414549	26.44	ng		98
71) Anthracene	11.47	178	446971	27.80	ng		99
72) Carbazole	11.62	167	403415	27.16	ng		99
73) Di-n-butylphthalate	11.95	149	457938	24.65	ng	#	98
74) Fluoranthene	12.60	202	360858	22.68	ng		98
76) Benzidine	12.72	184	221822	34.93	ng		99
77) Pyrene	12.83	202	394890	25.08	ng		100
79) Butylbenzylphthalate	13.45	149	174483	25.79	ng		97
80) Benzo(a)anthracene	14.02	228	315846	27.08	ng		100
81) 3,3'-Dichlorobenzidine	13.97	252	109630	25.98	ng	#	97
82) Chrysene	14.05	228	288766	25.45	ng		100
83) Bis(2-ethylhexyl)phthalate	14.01	149	223972	28.20	ng		99
84) Di-n-octyl phthalate	14.61	149	360369	28.14	ng		99
85) Indeno(1,2,3-cd)pyrene	16.89	276	253244	23.02	ng		99
87) Benzo(b)fluoranthene	15.05	252	323436	29.68	ng	#	95
88) Benzo(k)fluoranthene	15.08	252	239977m	25.16	ng		
89) Benzo(a)pyrene	15.40	252	254075	26.43	ng	#	94
90) Dibenzo(a,h)anthracene	16.90	278	212899	23.12	ng		98
91) Benzo(g,h,i)perylene	17.32	276	228904	24.37	ng		99

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

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