Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
Data File : BF101097.D
Acq On : 4 Dec 2017 14:55
Operator : SJ/JU
Sample : I6699-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT-3874MS

Manual Integrations APPROVED
Sohil
12/5/2017 3:24:21 PM

Quant Time: Dec 04 16:15:50 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	53044	20.00	ng		0.00
21) Naphthalene-d8	8.13	136	202285	20.00	ng		0.00
38) Acenaphthene-d10	9.89	164	91676	20.00	ng		0.00
63) Phenanthrene-d10	11.38	188	156823	20.00	ng		0.00
75) Chrysene-d12	14.03	240	114877	20.00	ng		0.00
86) Perylene-d12	15.50	264	119935	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	346253	107.87	ng		0.01
7) Phenol-d6	6.49	99	406870	104.40	ng		0.01
23) Nitrobenzene-d5	7.42	82	251770	74.25	ng		0.00
41) 2,4,6-Tribromophenol	10.69	330	104982	95.33	ng		0.00
44) 2-Fluorobiphenyl	9.20	172	483288	72.13	ng		0.00
78) Terphenyl-d14	12.96	244	389379	74.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	43182	32.53	ng		98
3) Pyridine	3.45	79	116308	33.80	ng		98
4) n-Nitrosodimethylamine	3.40	42	61581	36.64	ng	#	88
6) Aniline	6.52	93	88183	17.40	ng		99
8) 2-Chlorophenol	6.64	128	124317	35.52	ng		95
9) Benzaldehyde	6.40	77	46840	19.64	ng		99
10) Phenol	6.50	94	156185	36.04	ng		90
11) bis(2-Chloroethyl)ether	6.59	93	110948	34.13	ng		98
12) 1,3-Dichlorobenzene	6.79	146	143548	35.22	ng		95
13) 1,4-Dichlorobenzene	6.87	146	144050	34.14	ng		97
14) 1,2-Dichlorobenzene	7.02	146	135012	34.30	ng		96
15) Benzyl Alcohol	6.99	79	104163	34.60	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.12	45	177145	40.09	ng		97
17) 2-Methylphenol	7.10	107	100474	35.55	ng		97
18) Hexachloroethane	7.36	117	42551	31.39	ng		90
19) n-Nitroso-di-n-propylamine	7.26	70	82745	31.53	ng		96
20) 3+4-Methylphenols	7.26	107	127191	34.51	ng	#	69
22) Acetophenone	7.26	105	162175	33.18	ng	#	88
24) Nitrobenzene	7.43	77	123783	37.25	ng		99
25) Isophorone	7.67	82	218656	37.75	ng		99
26) 2-Nitrophenol	7.75	139	65149	35.71	ng		93
27) 2,4-Dimethylphenol	7.79	122	106568	40.38	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	137515	35.32	ng		98
29) 2,4-Dichlorophenol	7.99	162	106226	36.98	ng		97
30) 1,2,4-Trichlorobenzene	8.07	180	113492	35.93	ng		95
31) Naphthalene	8.16	128	351223	35.23	ng		98
32) Benzoic acid	7.86	122	8809m	4.29	ng		
33) 4-Chloroaniline	8.20	127	54908	13.71	ng		95
34) Hexachlorobutadiene	8.26	225	66480	34.31	ng		96
35) Caprolactam	8.57	113	29995m	33.50	ng		
36) 4-Chloro-3-methylphenol	8.69	107	105668	35.51	ng		98
37) 2-Methylnaphthalene	8.85	142	237749	35.10	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	109172	32.78	ng	#	96
40) Hexachlorocyclopentadiene	8.99	237	22596	24.89	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	76596	39.23	ng		96
43) 2,4,5-Trichlorophenol	9.17	196	79658	38.17	ng		94
45) 1,1'-Biphenyl	9.31	154	273896	32.61	ng		97
46) 2-Chloronaphthalene	9.33	162	217572	36.47	ng		98
47) 2-Nitroaniline	9.43	65	65819	37.29	ng		98
48) Acenaphthylene	9.75	152	333527	34.02	ng		99
49) Dimethylphthalate	9.61	163	303893	41.10	ng		99
50) 2,6-Dinitrotoluene	9.67	165	55847	35.86	ng		97
51) Acenaphthene	9.92	154	196064	33.40	ng		97
52) 3-Nitroaniline	9.85	138	51236	29.26	ng		95
53) 2,4-Dinitrophenol	9.96	184	5679	11.49	ng	#	16
54) Dibenzofuran	10.10	168	292221	34.55	ng		98
55) 4-Nitrophenol	10.02	139	76330	64.63	ng		99
56) 2,4-Dinitrotoluene	10.09	165	71698	34.36	ng	#	86
57) Fluorene	10.44	166	226194	32.89	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.22	232	61252	36.65	ng	#	87
59) Diethylphthalate	10.31	149	252259	34.59	ng		97
60) 4-Chlorophenyl-phenylether	10.43	204	113023	33.29	ng		93
61) 4-Nitroaniline	10.46	138	49013	26.96	ng		96
62) Azobenzene	10.59	77	202973	32.80	ng		91
64) 4,6-Dinitro-2-methylphenol	10.50	198	9181	8.73	ng		88
65) n-Nitrosodiphenylamine	10.55	169	211370	38.20	ng		96
66) 4-Bromophenyl-phenylether	10.92	248	68069	38.78	ng	#	84
67) Hexachlorobenzene	10.99	284	66860	35.54	ng	#	87
68) Atrazine	11.07	200	65522	38.61	ng		96
69) Pentachlorophenol	11.19	266	61148	59.11	ng		98
70) Phenanthrene	11.41	178	379375	43.93	ng		99
71) Anthracene	11.46	178	328777	37.62	ng		100
72) Carbazole	11.61	167	262169	32.83	ng		99
73) Di-n-butylphthalate	11.93	149	358034	35.77	ng		99
74) Fluoranthene	12.60	202	443009	46.28	ng		96
76) Benzidine	12.72	184	89686	24.01	ng		98
77) Pyrene	12.83	202	420774	53.08	ng		98
79) Butylbenzylphthalate	13.43	149	128070	36.65	ng	#	90
80) Benzo(a)anthracene	14.02	228	327894	45.21	ng		99
81) 3,3'-Dichlorobenzidine	13.97	252	63845	25.42	ng	#	97
82) Chrysene	14.05	228	296859	44.07	ng		98
83) Bis(2-ethylhexyl)phthalate	13.99	149	203041	40.75	ng		99
84) Di-n-octyl phthalate	14.60	149	306179	36.90	ng		97
85) Indeno(1,2,3-cd)pyrene	16.99	276	252479	42.16	ng	#	91
87) Benzo(b)fluoranthene	15.07	252	338259	47.09	ng		99
88) Benzo(k)fluoranthene	15.10	252	245741	34.72	ng		96
89) Benzo(a)pyrene	15.44	252	274935	42.10	ng		98
90) Dibenzo(a,h)anthracene	17.00	278	193420	33.59	ng	#	93
91) Benzo(g,h,i)perylene	17.44	276	202903	37.39	ng	#	92

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

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