Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031516\
Data File : BF085458.D
Acq On : 15 Mar 2016 16:14
Operator : UM/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
UMANGI
3/16/2016 5:59:33 PM

Quant Time: Mar 15 16:55:32 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 15 16:07:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	183920	20.00	ng		0.00
21) Naphthalene-d8	8.21	136	723049	20.00	ng		0.00
38) Acenaphthene-d10	9.96	164	330067	20.00	ng		0.00
63) Phenanthrene-d10	11.44	188	595083	20.00	ng		0.00
75) Chrysene-d12	14.08	240	395043	20.00	ng		0.00
86) Perylene-d12	15.52	264	302230	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	966556	88.15	ng		0.00
7) Phenol-d6	6.55	99	1315380	91.57	ng		0.00
23) Nitrobenzene-d5	7.49	82	1221969	90.44	ng		0.00
41) 2,4,6-Tribromophenol	10.74	330	290951	103.02	ng		-0.01
44) 2-Fluorobiphenyl	9.28	172	1861711	85.78	ng		0.00
78) Terphenyl-d14	13.03	244	1789245	105.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.55	88	260916	46.53	ng		96
3) Pyridine	3.30	79	625591	44.58	ng		95
4) n-Nitrosodimethylamine	3.26	42	276957	46.11	ng		97
6) Aniline	6.57	93	957278	47.54	ng		98
8) 2-Chlorophenol	6.70	128	599501	45.41	ng		99
9) Benzaldehyde	6.46	77	308595	41.74	ng		99
10) Phenol	6.56	94	750449	48.78	ng		93
11) bis(2-Chloroethyl)ether	6.65	93	606923	47.49	ng		98
12) 1,3-Dichlorobenzene	6.86	146	673504	47.52	ng		99
13) 1,4-Dichlorobenzene	6.93	146	630266	44.37	ng		99
14) 1,2-Dichlorobenzene	7.09	146	604887	46.94	ng		99
15) Benzyl Alcohol	7.05	79	472798	44.84	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.19	45	773681	42.00	ng		97
17) 2-Methylphenol	7.17	107	509595	47.31	ng		97
18) Hexachloroethane	7.43	117	253501	48.38	ng		94
19) n-Nitroso-di-n-propylamine	7.34	70	411526	43.95	ng		95
20) 3+4-Methylphenols	7.33	107	511249	40.07	ng	#	84
22) Acetophenone	7.33	105	745610	42.25	ng	#	93
24) Nitrobenzene	7.50	77	618147	45.03	ng		98
25) Isophorone	7.75	82	1213060	48.44	ng	#	94
26) 2-Nitrophenol	7.82	139	363936	54.48	ng	#	82
27) 2,4-Dimethylphenol	7.85	122	547445	44.84	ng		94
28) bis(2-Chloroethoxy)methane	7.96	93	736684	52.83	ng		98
29) 2,4-Dichlorophenol	8.06	162	455178	46.23	ng		91
30) 1,2,4-Trichlorobenzene	8.14	180	518513	48.71	ng		99
31) Naphthalene	8.23	128	1694162	47.65	ng		98
32) Benzoic acid	7.99	122	344113	42.44	ng		99
33) 4-Chloroaniline	8.28	127	763846	53.12	ng	#	92
34) Hexachlorobutadiene	8.34	225	286702	51.77	ng		99
35) Caprolactam	8.66	113	157895	49.11	ng		89
36) 4-Chloro-3-methylphenol	8.76	107	514411	46.06	ng		99
37) 2-Methylnaphthalene	8.92	142	1057051	46.33	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	506581	53.67	ng	#	97
40) Hexachlorocyclopentadiene	9.06	237	250211	49.15	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.19	196	325884	46.38	ng		98
43) 2,4,5-Trichlorophenol	9.24	196	354111	53.15	ng		95
45) 1,1'-Biphenyl	9.38	154	1412147	50.08	ng		95
46) 2-Chloronaphthalene	9.41	162	1018518	47.38	ng		94
47) 2-Nitroaniline	9.50	65	304210	45.67	ng		90
48) Acenaphthylene	9.82	152	1489726	44.53	ng		99
49) Dimethylphthalate	9.68	163	1076151	42.48	ng		99
50) 2,6-Dinitrotoluene	9.75	165	280818	51.81	ng	#	68
51) Acenaphthene	9.99	154	924702	45.52	ng		99
52) 3-Nitroaniline	9.91	138	278816	43.00	ng		83
53) 2,4-Dinitrophenol	10.01	184	125032	55.29	ng	#	65
54) Dibenzofuran	10.16	168	1134587	42.63	ng		99
55) 4-Nitrophenol	10.07	139	222336	43.63	ng	#	76
56) 2,4-Dinitrotoluene	10.15	165	377124	54.37	ng		87
57) Fluorene	10.50	166	928383	44.41	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.28	232	222884	47.62	ng		95
59) Diethylphthalate	10.38	149	1102807	44.86	ng		97
60) 4-Chlorophenyl-phenylether	10.49	204	456528	44.89	ng		94
61) 4-Nitroaniline	10.53	138	279909	46.15	ng		98
62) Azobenzene	10.65	77	1093516	45.15	ng		97
64) 4,6-Dinitro-2-methylphenol	10.56	198	204951	57.52	ng		92
65) n-Nitrosodiphenylamine	10.62	169	907645	49.04	ng		99
66) 4-Bromophenyl-phenylether	10.98	248	282035	48.81	ng	#	90
67) Hexachlorobenzene	11.05	284	294131	47.71	ng	#	84
68) Atrazine	11.14	200	252153	48.99	ng		97
69) Pentachlorophenol	11.25	266	183112	53.52	ng		99
70) Phenanthrene	11.46	178	1384314	44.39	ng		99
71) Anthracene	11.52	178	1610352	48.64	ng		99
72) Carbazole	11.67	167	1207786	41.60	ng		98
73) Di-n-butylphthalate	12.00	149	1669901	45.51	ng		99
74) Fluoranthene	12.65	202	1366732	43.67	ng		98
76) Benzidine	12.77	184	555384	47.24	ng		99
77) Pyrene	12.88	202	1360308	45.75	ng		100
79) Butylbenzylphthalate	13.50	149	663205	49.16	ng	#	83
80) Benzo(a)anthracene	14.07	228	1126185	47.62	ng		99
81) 3,3'-Dichlorobenzidine	14.04	252	374749	50.23	ng	#	95
82) Chrysene	14.11	228	859488	39.34	ng		99
83) Bis(2-ethylhexyl)phthalate	14.06	149	764233	43.05	ng	#	96
84) Di-n-octyl phthalate	14.67	149	1139379	42.14	ng		99
85) Indeno(1,2,3-cd)pyrene	16.97	276	1002224	58.78	ng		97
87) Benzo(b)fluoranthene	15.11	252	876213	43.50	ng		97
88) Benzo(k)fluoranthene	15.15	252	856634m	52.72	ng		
89) Benzo(a)pyrene	15.48	252	821045	49.18	ng	#	98
90) Dibenzo(a,h)anthracene	17.00	278	835707	58.65	ng		96
91) Benzo(g,h,i)perylene	17.42	276	838252	58.50	ng		97

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

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