Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120916\
Data File : BF091528.D
Acq On : 9 Dec 2016 15:17
Operator : UM/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDICCC040

Manual Integrations APPROVED
sohil
12/12/2016 6:49:30 PM

Quant Time: Dec 09 16:10:32 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 09 15:51:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	271771	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	1052324	20.00	ng		0.00
38) Acenaphthene-d10	9.86	164	523624	20.00	ng		0.00
63) Phenanthrene-d10	11.33	188	866361	20.00	ng		0.00
75) Chrysene-d12	13.96	240	564522	20.00	ng		0.00
86) Perylene-d12	15.38	264	571530	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.41	112	1295581	77.88	ng		0.00
7) Phenol-d6	6.45	99	1481795	72.36	ng		0.00
23) Nitrobenzene-d5	7.38	82	1484511	79.06	ng		0.00
41) 2,4,6-Tribromophenol	10.64	330	336650	67.91	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	2336915	80.81	ng		0.00
78) Terphenyl-d14	12.92	244	2064918	79.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	327425	43.51	ng	#	85
3) Pyridine	3.10	79	940969	44.18	ng	#	80
4) n-Nitrosodimethylamine	3.06	42	384914	34.44	ng	#	71
6) Aniline	6.48	93	1013523	37.26	ng	#	72
8) 2-Chlorophenol	6.60	128	735375	40.32	ng		99
9) Benzaldehyde	6.36	77	492811m	37.42	ng		
10) Phenol	6.46	94	791108	32.83	ng		90
11) bis(2-Chloroethyl)ether	6.56	93	719388	41.78	ng		85
12) 1,3-Dichlorobenzene	6.75	146	727743m	35.87	ng		
13) 1,4-Dichlorobenzene	6.83	146	745053	36.92	ng		97
14) 1,2-Dichlorobenzene	6.99	146	716394	38.11	ng		94
15) Benzyl Alcohol	6.96	79	606072	36.98	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	1111113	30.01	ng		79
17) 2-Methylphenol	7.08	107	598813	41.53	ng	#	76
18) Hexachloroethane	7.33	117	299750	41.83	ng		98
19) n-Nitroso-di-n-propylamine	7.24	70	505551	39.18	ng	#	72
20) 3+4-Methylphenols	7.23	107	620960	35.28	ng	#	54
22) Acetophenone	7.23	105	966570	38.75	ng	#	91
24) Nitrobenzene	7.40	77	854273	44.44	ng	#	89
25) Isophorone	7.64	82	1320741	39.70	ng		98
26) 2-Nitrophenol	7.72	139	373607	42.64	ng	#	69
27) 2,4-Dimethylphenol	7.76	122	574973	35.08	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	812820	40.59	ng		98
29) 2,4-Dichlorophenol	7.96	162	570928	39.60	ng		98
30) 1,2,4-Trichlorobenzene	8.04	180	585443	36.22	ng		99
31) Naphthalene	8.12	128	1872491	37.44	ng		100
32) Benzoic acid	7.88	122	412447	34.14	ng		94
33) 4-Chloroaniline	8.18	127	809682	37.87	ng	#	92
34) Hexachlorobutadiene	8.25	225	356618	35.88	ng		99
35) Caprolactam	8.54	113	147387	35.57	ng	#	70
36) 4-Chloro-3-methylphenol	8.66	107	623757	40.07	ng		99
37) 2-Methylnaphthalene	8.82	142	1220554	35.92	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	521122	35.30	ng		97
40) Hexachlorocyclopentadiene	8.97	237	260063	38.01	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	391966	40.86	ng		97
43) 2,4,5-Trichlorophenol	9.13	196	351437	36.55	ng	#	82
45) 1,1'-Biphenyl	9.28	154	1409315	37.43	ng		97
46) 2-Chloronaphthalene	9.30	162	1086016	38.73	ng		98
47) 2-Nitroaniline	9.40	65	407596	40.47	ng	#	81
48) Acenaphthylene	9.71	152	1708179	38.70	ng		99
49) Dimethylphthalate	9.58	163	1357906	42.83	ng		99
50) 2,6-Dinitrotoluene	9.64	165	305283	43.08	ng	#	85
51) Acenaphthene	9.88	154	1180566	39.65	ng		97
52) 3-Nitroaniline	9.81	138	364011	44.38	ng	#	80
53) 2,4-Dinitrophenol	9.90	184	122935	39.67	ng	#	59
54) Dibenzofuran	10.05	168	1479231	37.11	ng		96
55) 4-Nitrophenol	9.97	139	296602	50.06	ng	#	78
56) 2,4-Dinitrotoluene	10.04	165	401847	43.71	ng	#	78
57) Fluorene	10.40	166	1038865	33.94	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	312179	38.03	ng		94
59) Diethylphthalate	10.28	149	1325970	42.37	ng		97
60) 4-Chlorophenyl-phenylether	10.40	204	536828	34.97	ng	#	85
61) 4-Nitroaniline	10.42	138	313757	40.74	ng		84
62) Azobenzene	10.56	77	1505902	47.15	ng		92
64) 4,6-Dinitro-2-methylphenol	10.45	198	192643	40.36	ng	#	31
65) n-Nitrosodiphenylamine	10.51	169	947378	36.07	ng		100
66) 4-Bromophenyl-phenylether	10.89	248	350316	37.62	ng	#	79
67) Hexachlorobenzene	10.94	284	344633	34.25	ng	#	75
68) Atrazine	11.05	200	332796	39.12	ng		93
69) Pentachlorophenol	11.14	266	214956	36.29	ng		95
70) Phenanthrene	11.36	178	1633043	36.28	ng		99
71) Anthracene	11.41	178	1812481	40.57	ng		99
72) Carbazole	11.56	167	1465874	36.16	ng		99
73) Di-n-butylphthalate	11.91	149	1953832	42.52	ng		100
74) Fluoranthene	12.55	202	1822236	42.73	ng		99
76) Benzidine	12.67	184	719659	43.43	ng		98
77) Pyrene	12.77	202	1859274	43.40	ng		100
79) Butylbenzylphthalate	13.39	149	714426	44.53	ng		86
80) Benzo(a)anthracene	13.95	228	1295459	39.24	ng		100
81) 3,3'-Dichlorobenzidine	13.92	252	465776	40.05	ng	#	97
82) Chrysene	14.00	228	1397512	42.78	ng		100
83) Bis(2-ethylhexyl)phthalate	13.96	149	925614	45.52	ng	#	92
84) Di-n-octyl phthalate	14.57	149	1651483	53.67	ng	#	92
85) Indeno(1,2,3-cd)pyrene	16.75	276	1250962	41.82	ng		100
87) Benzo(b)fluoranthene	14.98	252	1381011m	38.87	ng		
88) Benzo(k)fluoranthene	15.00	252	1058024m	35.42	ng		
89) Benzo(a)pyrene	15.32	252	1204506	37.76	ng	#	96
90) Dibenzo(a,h)anthracene	16.76	278	1061170	35.96	ng		99
91) Benzo(g,h,i)perylene	17.16	276	1065855	35.03	ng		97

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

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