Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020718\
Data File : BM014155.D
Acq On : 07 Feb 2018 10:57
Operator : SJ/JU
Sample : SSTDICC010
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED
Sohil
2/8/2018 3:50:15 PM

Quant Time: Feb 07 13:36:24 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 13:28:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	70553	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	313256	20.00	ng		0.00
38) Acenaphthene-d10	14.20	164	228456	20.00	ng		0.00
63) Phenanthrene-d10	16.96	188	588707	20.00	ng		0.00
75) Chrysene-d12	21.17	240	719929	20.00	ng		0.00
86) Perylene-d12	23.34	264	665952	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	72800	17.37	ng		0.00
7) Phenol-d6	6.73	99	99978	17.20	ng		0.00
23) Nitrobenzene-d5	8.70	82	135047	28.41	ng		0.00
41) 2,4,6-Tribromophenol	15.70	330	59738	22.60	ng		0.00
44) 2-Fluorobiphenyl	12.81	172	331857	20.94	ng		0.00
78) Terphenyl-d14	19.60	244	628560	21.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	18560	10.62	ng	#	100
3) Pyridine	3.53	79	43655	8.16	ng	#	87
4) n-Nitrosodimethylamine	3.45	42	27538	10.08	ng	#	49
6) Aniline	6.89	93	62828	7.96	ng	#	81
8) 2-Chlorophenol	7.12	128	41870	8.47	ng		91
9) Benzaldehyde	6.71	77	39100	11.57	ng		84
10) Phenol	6.76	94	50643	7.93	ng		95
11) bis(2-Chloroethyl)ether	6.99	93	42014	8.23	ng		93
12) 1,3-Dichlorobenzene	7.43	146	56067	9.96	ng	#	83
13) 1,4-Dichlorobenzene	7.58	146	54247	9.48	ng	#	94
14) 1,2-Dichlorobenzene	7.89	146	53240	9.61	ng	#	91
15) Benzyl Alcohol	7.80	79	50902	12.11	ng	#	81
16) 2,2'-oxybis(1-Chloropropan	8.07	45	41840	4.90	ng		74
17) 2-Methylphenol	8.00	107	39503	9.66	ng	#	85
18) Hexachloroethane	8.60	117	24057	12.28	ng		91
19) n-Nitroso-di-n-propylamine	8.35	70	44165	10.35	ng		89
20) 3+4-Methylphenols	8.33	107	50637	8.92	ng		88
22) Acetophenone	8.37	105	84073	10.80	ng	#	83
24) Nitrobenzene	8.75	77	70909	13.54	ng		94
25) Isophorone	9.26	82	109852	10.31	ng	#	90
26) 2-Nitrophenol	9.46	139	22205	10.63	ng	#	26
27) 2,4-Dimethylphenol	9.52	122	39209	7.89	ng	#	79
28) bis(2-Chloroethoxy)methane	9.75	93	56527	7.78	ng	#	93
29) 2,4-Dichlorophenol	10.00	162	41364	8.90	ng		97
30) 1,2,4-Trichlorobenzene	10.18	180	58113	11.30	ng		96
31) Naphthalene	10.37	128	158835	9.39	ng		98
32) Benzoic acid	9.64	122	23709m	7.72	ng		
33) 4-Chloroaniline	10.50	127	60660	8.20	ng	#	85
34) Hexachlorobutadiene	10.64	225	39847	13.60	ng		94
35) Caprolactam	11.30	113	14893m	8.90	ng		
36) 4-Chloro-3-methylphenol	11.64	107	51451	9.43	ng		88
37) 2-Methylnaphthalene	11.99	142	120781	10.26	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.37	216	75033	10.91	ng	#	100
40) Hexachlorocyclopentadiene	12.33	237	26325	8.35	ng		90

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.63	196	41017	9.01	ng		92
43) 2,4,5-Trichlorophenol	12.72	196	45631	9.87	ng	#	86
45) 1,1'-Biphenyl	13.03	154	184624	9.10	ng		95
46) 2-Chloronaphthalene	13.06	162	139894	9.29	ng	#	92
47) 2-Nitroaniline	13.30	65	47868	10.82	ng	#	63
48) Acenaphthylene	13.92	152	223122	9.50	ng		98
49) Dimethylphthalate	13.67	163	192440	10.60	ng		97
50) 2,6-Dinitrotoluene	13.80	165	37741	10.98	ng	#	49
51) Acenaphthene	14.26	154	140370	9.21	ng		96
52) 3-Nitroaniline	14.14	138	34247	7.67	ng	#	82
53) 2,4-Dinitrophenol	14.37	184	12057	10.88	ng	#	78
54) Dibenzofuran	14.60	168	224655	10.69	ng	#	88
55) 4-Nitrophenol	14.47	139	20183	5.81	ng		89
56) 2,4-Dinitrotoluene	14.60	165	54933	12.20	ng	#	53
57) Fluorene	15.26	166	191974	10.48	ng		92
58) 2,3,4,6-Tetrachlorophenol	14.84	232	45532	12.17	ng	#	100
59) Diethylphthalate	15.04	149	216771	11.59	ng		96
60) 4-Chlorophenyl-phenylether	15.26	204	102645	12.01	ng		90
61) 4-Nitroaniline	15.32	138	35500	7.65	ng	#	28
62) Azobenzene	15.55	77	234467	13.91	ng		79
64) 4,6-Dinitro-2-methylphenol	15.38	198	25556	12.00	ng	#	79
65) n-Nitrosodiphenylamine	15.48	169	171899	9.27	ng		99
66) 4-Bromophenyl-phenylether	16.16	248	63257	10.22	ng	#	82
67) Hexachlorobenzene	16.26	284	70526	9.70	ng	#	83
68) Atrazine	16.44	200	63412	11.66	ng		91
69) Pentachlorophenol	16.62	266	33858	8.49	ng		89
70) Phenanthrene	17.00	178	334211	10.19	ng		98
71) Anthracene	17.09	178	324704	9.85	ng		99
72) Carbazole	17.38	167	284819	8.96	ng		97
73) Di-n-butylphthalate	17.94	149	379467	10.28	ng	#	96
74) Fluoranthene	19.03	202	398043	10.64	ng		98
76) Benzidine	19.23	184	156080	10.98	ng		100
77) Pyrene	19.40	202	427859	9.70	ng		98
79) Butylbenzylphthalate	20.31	149	176606	9.06	ng	#	85
80) Benzo(a)anthracene	21.15	228	444407	11.04	ng		97
81) 3,3'-Dichlorobenzidine	21.09	252	144946	9.48	ng		97
82) Chrysene	21.20	228	424674	11.19	ng		98
83) Bis(2-ethylhexyl)phthalate	21.09	149	248909	8.71	ng		98
84) Di-n-octyl phthalate	21.95	149	390533	8.11	ng	#	94
85) Indeno(1,2,3-cd)pyrene	25.51	276	377464	10.66	ng		98
87) Benzo(b)fluoranthene	22.70	252	400274	9.79	ng	#	94
88) Benzo(k)fluoranthene	22.74	252	412360	10.52	ng	#	94
89) Benzo(a)pyrene	23.25	252	375305	10.18	ng		98
90) Dibenzo(a,h)anthracene	25.51	278	311098	9.86	ng	#	92
91) Benzo(g,h,i)perylene	26.17	276	292867	9.60	ng	#	85

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

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