Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM020718\
Data File : BM014157.D
Acq On : 07 Feb 2018 12:09
Operator : SJ/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
2/8/2018 3:50:17 PM

Quant Time: Feb 07 17:06:08 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	89612	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	437144	20.00	ng		0.00
38) Acenaphthene-d10	14.20	164	301356	20.00	ng		0.00
63) Phenanthrene-d10	16.96	188	746000	20.00	ng		0.00
75) Chrysene-d12	21.17	240	742429	20.00	ng		0.00
86) Perylene-d12	23.34	264	569583	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	414750	77.91	ng		0.00
7) Phenol-d6	6.74	99	611132	82.79	ng		0.00
23) Nitrobenzene-d5	8.70	82	790060	119.10	ng		0.00
41) 2,4,6-Tribromophenol	15.70	330	354517	101.68	ng		0.00
44) 2-Fluorobiphenyl	12.81	172	1952773	93.41	ng		0.00
78) Terphenyl-d14	19.60	244	3196591	106.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.15	88	82785	37.31	ng	#	100
3) Pyridine	3.53	79	242364	35.67	ng		87
4) n-Nitrosodimethylamine	3.45	42	149757	43.16	ng	#	49
6) Aniline	6.89	93	385628	38.46	ng		94
8) 2-Chlorophenol	7.12	128	240649	38.34	ng		97
9) Benzaldehyde	6.71	77	222325	51.81	ng		89
10) Phenol	6.76	94	290887	35.84	ng		98
11) bis(2-Chloroethyl)ether	6.99	93	228228	35.19	ng		95
12) 1,3-Dichlorobenzene	7.43	146	296238	41.45	ng	#	88
13) 1,4-Dichlorobenzene	7.58	146	299371	41.19	ng	#	91
14) 1,2-Dichlorobenzene	7.89	146	298097	42.38	ng	#	91
15) Benzyl Alcohol	7.80	79	280949	52.64	ng		87
16) 2,2'-oxybis(1-Chloropropan	8.08	45	229272m	21.14	ng		
17) 2-Methylphenol	8.00	107	228604	43.99	ng	#	86
18) Hexachloroethane	8.60	117	128890	51.80	ng		93
19) n-Nitroso-di-n-propylamine	8.36	70	264898	48.87	ng		90
20) 3+4-Methylphenols	8.33	107	329171	45.66	ng		87
22) Acetophenone	8.37	105	502533	46.26	ng	#	92
24) Nitrobenzene	8.75	77	395505	54.11	ng		97
25) Isophorone	9.27	82	641029	43.13	ng	#	93
26) 2-Nitrophenol	9.45	139	149186	51.18	ng	#	50
27) 2,4-Dimethylphenol	9.52	122	229507	33.11	ng	#	85
28) bis(2-Chloroethoxy)methane	9.75	93	332562	32.79	ng		97
29) 2,4-Dichlorophenol	9.98	162	262545	40.49	ng		92
30) 1,2,4-Trichlorobenzene	10.19	180	325539	45.35	ng		99
31) Naphthalene	10.37	128	952271	40.35	ng		100
32) Benzoic acid	9.70	122	179001	41.75	ng	#	85
33) 4-Chloroaniline	10.50	127	390226	37.79	ng	#	85
34) Hexachlorobutadiene	10.64	225	222800	54.48	ng		96
35) Caprolactam	11.30	113	90636m	38.81	ng		
36) 4-Chloro-3-methylphenol	11.63	107	332609	43.67	ng		89
37) 2-Methylnaphthalene	11.99	142	733493	44.65	ng	#	91
39) 1,2,4,5-Tetrachlorobenzene	12.37	216	417317	46.02	ng	#	100
40) Hexachlorocyclopentadiene	12.33	237	214243	51.53	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.62	196	253843	42.29	ng		98
43) 2,4,5-Trichlorophenol	12.70	196	280660	46.03	ng	#	83
45) 1,1'-Biphenyl	13.03	154	1073231	40.12	ng		98
46) 2-Chloronaphthalene	13.06	162	812420	40.88	ng	#	91
47) 2-Nitroaniline	13.29	65	296870	50.89	ng	#	77
48) Acenaphthylene	13.92	152	1312222	42.38	ng		98
49) Dimethylphthalate	13.67	163	1091537	45.58	ng		99
50) 2,6-Dinitrotoluene	13.80	165	229611	50.64	ng	#	69
51) Acenaphthene	14.27	154	799314	39.75	ng		98
52) 3-Nitroaniline	14.13	138	230174	39.08	ng	#	68
53) 2,4-Dinitrophenol	14.36	184	105658	72.26	ng	#	82
54) Dibenzofuran	14.60	168	1277200	46.06	ng	#	89
55) 4-Nitrophenol	14.46	139	159026	34.70	ng	#	78
56) 2,4-Dinitrotoluene	14.60	165	338468	57.01	ng	#	83
57) Fluorene	15.26	166	1124703	46.53	ng		95
58) 2,3,4,6-Tetrachlorophenol	14.84	232	267105	54.14	ng	#	100
59) Diethylphthalate	15.05	149	1212278	49.14	ng		97
60) 4-Chlorophenyl-phenylether	15.26	204	579389	51.39	ng		92
61) 4-Nitroaniline	15.31	138	230635	37.67	ng	#	26
62) Azobenzene	15.55	77	1242442	55.88	ng		84
64) 4,6-Dinitro-2-methylphenol	15.37	198	188954	70.03	ng		90
65) n-Nitrosodiphenylamine	15.48	169	966888	41.13	ng		99
66) 4-Bromophenyl-phenylether	16.15	248	357987	45.62	ng	#	80
67) Hexachlorobenzene	16.26	284	386207	41.94	ng	#	83
68) Atrazine	16.44	200	355935	51.66	ng		97
69) Pentachlorophenol	16.62	266	228986	45.30	ng		97
70) Phenanthrene	17.00	178	1787033	43.01	ng		99
71) Anthracene	17.09	178	1783416	42.69	ng		99
72) Carbazole	17.37	167	1651441	41.02	ng		100
73) Di-n-butylphthalate	17.94	149	2158616	46.15	ng	#	97
74) Fluoranthene	19.03	202	2120510	44.73	ng		99
76) Benzidine	19.23	184	935905	63.87	ng		99
77) Pyrene	19.39	202	2185982	48.05	ng		99
79) Butylbenzylphthalate	20.31	149	953390	47.44	ng	#	85
80) Benzo(a)anthracene	21.15	228	1973116	47.52	ng		99
81) 3,3'-Dichlorobenzidine	21.09	252	724791	45.98	ng		99
82) Chrysene	21.20	228	1867452	47.71	ng		99
83) Bis(2-ethylhexyl)phthalate	21.09	149	1334844	45.30	ng		96
84) Di-n-octyl phthalate	21.95	149	1827422	36.79	ng		96
85) Indeno(1,2,3-cd)pyrene	25.51	276	1340508	36.72	ng		97
87) Benzo(b)fluoranthene	22.70	252	1669108	47.73	ng	#	95
88) Benzo(k)fluoranthene	22.74	252	1533122	45.73	ng	#	96
89) Benzo(a)pyrene	23.25	252	1433970	45.47	ng		99
90) Dibenzo(a,h)anthracene	25.52	278	1140576	42.25	ng	#	94
91) Benzo(g,h,i)perylene	26.17	276	1070310	41.03	ng	#	89

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

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