Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072617\
Data File : BM010970.D
Acq On : 26 Jul 2017 14:28
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Sohil
7/27/2017 6:21:29 PM

Quant Time: Jul 26 15:13:43 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 26 13:34:33 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	236318	20.00	ng		0.00
21) Naphthalene-d8	10.16	136	935826	20.00	ng		0.00
38) Acenaphthene-d10	14.05	164	640301	20.00	ng		0.00
63) Phenanthrene-d10	16.81	188	1595946	20.00	ng		0.00
75) Chrysene-d12	21.03	240	1749961	20.00	ng		0.00
86) Perylene-d12	23.14	264	1518871	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	2415547	169.32	ng		0.00
7) Phenol-d6	6.60	99	3403325	173.05	ng		0.00
23) Nitrobenzene-d5	8.55	82	4252669	174.67	ng		0.01
41) 2,4,6-Tribromophenol	15.56	330	1718050	175.58	ng		0.00
44) 2-Fluorobiphenyl	12.67	172	8539687	165.92	ng		0.00
78) Terphenyl-d14	19.47	244	12933503	142.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	516571	82.061	ng	#	100
3) Pyridine	3.41	79	1425285	82.833	ng	#	88
4) n-Nitrosodimethylamine	3.33	42	745670	84.793	ng	#	73
6) Aniline	6.75	93	2079941	84.423	ng		93
8) 2-Chlorophenol	6.97	128	1214573	85.989	ng		86
10) Phenol	6.63	94	1778895	85.548	ng		96
11) bis(2-Chloroethyl)ether	6.85	93	1386452	86.572	ng		95
12) 1,3-Dichlorobenzene	7.29	146	1459566	83.616	ng	#	86
13) 1,4-Dichlorobenzene	7.43	146	1491382	82.792	ng	#	90
14) 1,2-Dichlorobenzene	7.74	146	1404427	81.819	ng	#	90
15) Benzyl Alcohol	7.65	79	1563929	83.978	ng	#	84
16) 2,2'-oxybis(1-Chloropropan	7.93	45	1218061	87.727	ng		75
17) 2-Methylphenol	7.85	107	1142509	84.956	ng	#	79
18) Hexachloroethane	8.45	117	660680	87.442	ng	#	83
19) n-Nitroso-di-n-propylamine	8.22	70	1369837	87.927	ng	#	91
20) 3+4-Methylphenols	8.18	107	1582509	84.698	ng	#	85
22) Acetophenone	8.22	105	2327752	82.612	ng	#	97
24) Nitrobenzene	8.59	77	2141943	85.844	ng	#	89
25) Isophorone	9.12	82	3440101	86.250	ng	#	87
26) 2-Nitrophenol	9.29	139	735012	88.526	ng	#	32
27) 2,4-Dimethylphenol	9.36	122	1212311	81.809	ng	#	73
28) bis(2-Chloroethoxy)methane	9.60	93	1878088	83.998	ng		97
29) 2,4-Dichlorophenol	9.82	162	1373064	82.025	ng		94
30) 1,2,4-Trichlorobenzene	10.02	180	1678741	82.032	ng		99
31) Naphthalene	10.20	128	3981015	83.663	ng		98
32) Benzoic acid	9.57	122	986194	84.820	ng	#	59
33) 4-Chloroaniline	10.33	127	1565713	81.671	ng	#	77
34) Hexachlorobutadiene	10.49	225	1319993	83.128	ng		96
35) Caprolactam	11.15	113	374622m	84.059	ng		
36) 4-Chloro-3-methylphenol	11.47	107	1754560	86.651	ng	#	76
37) 2-Methylnaphthalene	11.83	142	2898897	84.818	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.21	216	2283811	81.828	ng	#	100
40) Hexachlorocyclopentadiene	12.19	237	1425232	89.079	ng		99
42) 2,4,6-Trichlorophenol	12.46	196	1405466	81.780	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	12.54	196	1423918	83.921	ng	#	89
45) 1,1'-Biphenyl	12.87	154	4602852	82.513	ng		98
46) 2-Chloronaphthalene	12.91	162	3377757	82.581	ng	#	93
47) 2-Nitroaniline	13.13	65	1249760	92.948	ng	#	73
48) Acenaphthylene	13.77	152	5134335	84.398	ng		99
49) Dimethylphthalate	13.53	163	4456551	81.813	ng	#	99
50) 2,6-Dinitrotoluene	13.65	165	942555	88.216	ng	#	68
51) Acenaphthene	14.12	154	3133339	84.292	ng		100
52) 3-Nitroaniline	13.98	138	837583	86.231	ng	#	35
53) 2,4-Dinitrophenol	14.19	184	678745	91.896	ng	#	88
54) Dibenzofuran	14.46	168	5015775	83.415	ng	#	90
55) 4-Nitrophenol	14.30	139	734889	87.114	ng	#	1
56) 2,4-Dinitrotoluene	14.44	165	1350691	91.102	ng		95
57) Fluorene	15.12	166	4504580	87.145	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.69	232	1339139	84.941	ng	#	100
59) Diethylphthalate	14.92	149	4608203	85.659	ng		100
60) 4-Chlorophenyl-phenylether	15.12	204	2651782	83.515	ng		97
61) 4-Nitroaniline	15.16	138	800276	78.826	ng	#	1
62) Azobenzene	15.41	77	4917840	90.024	ng		88
64) 4,6-Dinitro-2-methylphenol	15.21	198	965210	91.716	ng		93
65) n-Nitrosodiphenylamine	15.34	169	3857240	84.466	ng		99
66) 4-Bromophenyl-phenylether	16.02	248	1726748	85.373	ng	#	91
67) Hexachlorobenzene	16.12	284	1960210	84.756	ng	#	91
68) Atrazine	16.31	200	1491157	78.848	ng		98
69) Pentachlorophenol	16.46	266	1278369	86.223	ng		97
70) Phenanthrene	16.85	178	6999937	84.311	ng		99
71) Anthracene	16.94	178	7021956	85.203	ng		99
72) Carbazole	17.22	167	6154373	84.790	ng		99
73) Di-n-butylphthalate	17.80	149	7653298	89.123	ng	#	97
74) Fluoranthene	18.89	202	8728172	84.883	ng		98
76) Benzidine	19.09	184	3349654	71.529	ng		100
77) Pyrene	19.25	202	8872441	87.458	ng		99
79) Butylbenzylphthalate	20.19	149	3396487	95.629	ng	#	73
80) Benzo(a)anthracene	21.02	228	8392332	82.764	ng		99
81) 3,3'-Dichlorobenzidine	20.96	252	3375947	84.673	ng	#	97
82) Chrysene	21.07	228	8027476	83.126	ng		99
83) Bis(2-ethylhexyl)phthalate	20.97	149	4981418	96.313	ng	#	98
84) Di-n-octyl phthalate	21.83	149	8010974	94.533	ng		100
85) Indeno(1,2,3-cd)pyrene	25.23	276	8565415	77.350	ng	#	100
87) Benzo(b)fluoranthene	22.52	252	8487601	87.973	ng	#	92
88) Benzo(k)fluoranthene	22.57	252	7804868	84.696	ng	#	95
89) Benzo(a)pyrene	23.06	252	7526539	85.707	ng	#	96
90) Dibenzo(a,h)anthracene	25.24	278	6996778	82.089	ng	#	91
91) Benzo(g,h,i)perylene	25.87	276	6816498	81.356	ng	#	85

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

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