Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM090717\
Data File : BM011462.D
Acq On : 07 Sep 2017 19:40
Operator : SJ/JU
Sample : I5105-03MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OK-02-090517MS

Manual Integrations APPROVED
Sohil
9/8/2017 3:38:23 PM

Quant Time: Sep 08 08:20:38 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 31 18:39:59 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.98	152	468912	20.00	ng		-0.01
21) Naphthalene-d8	10.79	136	2071051	20.00	ng		-0.02
38) Acenaphthene-d10	14.61	164	1153362	20.00	ng		-0.02
63) Phenanthrene-d10	17.35	188	2529581	20.00	ng		-0.01
75) Chrysene-d12	21.52	240	3075309	20.00	ng		-0.02
86) Perylene-d12	23.89	264	2823973	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	4229501	151.83	ng		0.00
7) Phenol-d6	7.14	99	5195125	134.49	ng		0.00
23) Nitrobenzene-d5	9.15	82	3340773	106.30	ng		-0.01
41) 2,4,6-Tribromophenol	16.10	330	2090225	156.64	ng		-0.01
44) 2-Fluorobiphenyl	13.23	172	7769904	97.11	ng		-0.02
78) Terphenyl-d14	19.96	244	11002566	88.77	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	377765	32.537	ng	#	100
3) Pyridine	3.85	79	1086577	30.560	ng	#	76
4) n-Nitrosodimethylamine	3.75	42	778684	42.891	ng	#	64
6) Aniline	7.33	93	504771	9.622	ng		93
8) 2-Chlorophenol	7.55	128	1453949	44.272	ng		88
9) Benzaldehyde	7.12	77	249523	11.113	ng		93
10) Phenol	7.16	94	1681322	39.593	ng	#	77
11) bis(2-Chloroethyl)ether	7.40	93	1591637	46.895	ng		85
12) 1,3-Dichlorobenzene	7.87	146	1437176	38.431	ng		97
13) 1,4-Dichlorobenzene	8.02	146	1479913	38.913	ng		97
14) 1,2-Dichlorobenzene	8.33	146	1450501	39.405	ng		98
15) Benzyl Alcohol	8.22	79	1126641	40.341	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	2532096	44.613	ng		92
17) 2-Methylphenol	8.42	107	1231534	45.292	ng		97
18) Hexachloroethane	9.06	117	516039	39.636	ng		95
19) n-Nitroso-di-n-propylamine	8.79	70	1177135	41.504	ng	#	84
20) 3+4-Methylphenols	8.75	107	1635386	43.348	ng		98
22) Acetophenone	8.80	105	2197802	42.707	ng	#	90
24) Nitrobenzene	9.19	77	1636958	47.269	ng		95
25) Isophorone	9.71	82	3076490	43.688	ng		93
26) 2-Nitrophenol	9.90	139	664086	44.595	ng	#	80
27) 2,4-Dimethylphenol	9.95	122	1394864	42.481	ng		96
28) bis(2-Chloroethoxy)methane	10.19	93	2054658	42.757	ng		99
29) 2,4-Dichlorophenol	10.43	162	1401037	45.606	ng		98
30) 1,2,4-Trichlorobenzene	10.65	180	1364038	40.110	ng		99
31) Naphthalene	10.84	128	4700932	42.041	ng		99
32) Benzoic acid	10.08	122	696008	33.515	ng		97
33) 4-Chloroaniline	11.00	127	1441967m	29.478	ng		
34) Hexachlorobutadiene	11.12	225	753766	38.901	ng		98
35) Caprolactam	11.75	113	331532m	29.966	ng		
36) 4-Chloro-3-methylphenol	12.06	107	1492697	41.370	ng		89
37) 2-Methylnaphthalene	12.44	142	3437920	44.173	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.80	216	1495057	43.075	ng	#	100
40) Hexachlorocyclopentadiene	12.79	237	1809683	113.737	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.05	196	1012873	44.085	ng		99
43) 2,4,5-Trichlorophenol	13.12	196	1098085	47.060	ng	#	89
45) 1,1'-Biphenyl	13.45	154	4251357	41.520	ng		96
46) 2-Chloronaphthalene	13.49	162	3188571	41.920	ng		95
47) 2-Nitroaniline	13.69	65	1140300	47.334	ng	#	79
48) Acenaphthylene	14.33	152	5204054	43.910	ng		99
49) Dimethylphthalate	14.06	163	3971210	43.332	ng		99
50) 2,6-Dinitrotoluene	14.19	165	815532	46.997	ng	#	90
51) Acenaphthene	14.67	154	3273596	42.537	ng		100
52) 3-Nitroaniline	14.52	138	910583	40.399	ng		82
53) 2,4-Dinitrophenol	14.72	184	848693	98.019	ng		96
54) Dibenzofuran	15.01	168	5023309	47.337	ng		96
55) 4-Nitrophenol	14.82	139	1455196	82.959	ng	#	50
56) 2,4-Dinitrotoluene	14.97	165	1132301	46.392	ng		84
57) Fluorene	15.66	166	4249565	45.934	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.23	232	972093	51.484	ng	#	100
59) Diethylphthalate	15.42	149	4153091	43.983	ng		98
60) 4-Chlorophenyl-phenylether	15.65	204	1973399	45.730	ng		95
61) 4-Nitroaniline	15.67	138	1018596	43.473	ng		82
62) Azobenzene	15.94	77	4316888	50.728	ng		89
64) 4,6-Dinitro-2-methylphenol	15.73	198	538886	52.659	ng		86
65) n-Nitrosodiphenylamine	15.86	169	3561446	44.681	ng		99
66) 4-Bromophenyl-phenylether	16.54	248	1177104	44.239	ng	#	90
67) Hexachlorobenzene	16.66	284	1245886	39.900	ng	#	88
68) Atrazine	16.80	200	1107327	47.401	ng		98
69) Pentachlorophenol	17.00	266	1658253	96.736	ng		98
70) Phenanthrene	17.39	178	6686726	47.466	ng		98
71) Anthracene	17.49	178	6747916	47.636	ng		99
72) Carbazole	17.75	167	6338714	46.433	ng		99
73) Di-n-butylphthalate	18.30	149	7497984	47.276	ng		100
74) Fluoranthene	19.40	202	7651367	47.600	ng		94
76) Benzidine	19.58	184	3888594	64.067	ng		100
77) Pyrene	19.76	202	8126406	43.122	ng		98
79) Butylbenzylphthalate	20.64	149	3658657	43.947	ng		92
80) Benzo(a)anthracene	21.50	228	7929949	46.104	ng		98
81) 3,3'-Dichlorobenzidine	21.43	252	2162973	33.123	ng		99
82) Chrysene	21.55	228	7333672	45.237	ng		97
83) Bis(2-ethylhexyl)phthalate	21.41	149	5575558	45.682	ng	#	99
84) Di-n-octyl phthalate	22.33	149	9698259	47.137	ng	#	94
85) Indeno(1,2,3-cd)pyrene	26.34	276	7796463	51.555	ng	#	88
87) Benzo(b)fluoranthene	23.17	252	7934158	45.763	ng		99
88) Benzo(k)fluoranthene	23.22	252	7839357	47.160	ng		97
89) Benzo(a)pyrene	23.79	252	7526527	48.131	ng	#	97
90) Dibenzo(a,h)anthracene	26.35	278	6496700	48.545	ng		99
91) Benzo(g,h,i)perylene	27.09	276	6005628	46.434	ng		99

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

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