Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
Data File : BM011398.D
Acq On : 01 Sep 2017 07:12
Operator : SJ/JU
Sample : I5023-03MS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-01-082917-AMS

Manual Integrations APPROVED
Sohil
9/1/2017 5:35:18 PM

Quant Time: Sep 01 08:36:10 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	7.99	152	524820	20.00	ng		0.00
21) Naphthalene-d8	10.80	136	2337242	20.00	ng		0.00
38) Acenaphthene-d10	14.62	164	802158	20.00	ng		0.00
63) Phenanthrene-d10	17.36	188	2772631	20.00	ng		0.00
75) Chrysene-d12	21.52	240	2323171	20.00	ng		-0.01
86) Perylene-d12	23.90	264	42351	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	4461258	143.09	ng		0.00
7) Phenol-d6	7.14	99	4351179	100.65	ng		0.00
23) Nitrobenzene-d5	9.15	82	3378886	95.27	ng		0.00
41) 2,4,6-Tribromophenol	16.10	330	2294573	247.24	ng		0.00
44) 2-Fluorobiphenyl	13.24	172	8386550	150.71	ng		0.00
78) Terphenyl-d14	19.97	244	10932522	116.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	421558	32.441	ng	#	100
3) Pyridine	3.87	79	273491	6.873	ng	#	58
4) n-Nitrosodimethylamine	3.75	42	656553	32.312	ng	#	69
6) Aniline	7.32	93	397828	6.775	ng		96
8) 2-Chlorophenol	7.55	128	1524686	41.481	ng		91
9) Benzaldehyde	7.12	77	488525	19.440	ng		95
10) Phenol	7.17	94	1551943	32.653	ng	#	74
11) bis(2-Chloroethyl)ether	7.41	93	1464549	38.554	ng		85
12) 1,3-Dichlorobenzene	7.88	146	1409245	33.669	ng		98
13) 1,4-Dichlorobenzene	8.02	146	1456292	34.213	ng		99
14) 1,2-Dichlorobenzene	8.35	146	1433815	34.802	ng		99
15) Benzyl Alcohol	8.22	79	75265	2.408	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	2414455	38.008	ng		93
17) 2-Methylphenol	8.42	107	983889	32.330	ng		97
18) Hexachloroethane	9.07	117	489860	33.617	ng		94
19) n-Nitroso-di-n-propylamine	8.79	70	1257534	39.615	ng	#	86
20) 3+4-Methylphenols	8.75	107	1293986	30.645	ng		95
22) Acetophenone	8.81	105	2310282	39.779	ng	#	91
24) Nitrobenzene	9.20	77	1661465	42.513	ng		92
25) Isophorone	9.72	82	3425806	43.108	ng	#	93
26) 2-Nitrophenol	9.90	139	667639	40.429	ng	#	84
27) 2,4-Dimethylphenol	9.96	122	1191937	32.166	ng		96
28) bis(2-Chloroethoxy)methane	10.20	93	280449	5.171	ng		99
29) 2,4-Dichlorophenol	10.44	162	1474931	42.543	ng		98
30) 1,2,4-Trichlorobenzene	10.66	180	1388940	36.191	ng		98
31) Naphthalene	10.85	128	4748061	37.626	ng		100
32) Benzoic acid	10.09	122	792183	33.745	ng		97
33) 4-Chloroaniline	10.95	127	455553	8.252	ng	#	90
34) Hexachlorobutadiene	11.13	225	748854	34.246	ng		97
35) Caprolactam	11.74	113	500021m	40.048	ng		
36) 4-Chloro-3-methylphenol	12.06	107	1461970	35.904	ng		91
37) 2-Methylnaphthalene	12.45	142	3487366	39.705	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.82	216	1498870	62.092	ng	#	100
40) Hexachlorocyclopentadiene	12.80	237	1853210	167.467	ng		99

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42) 2,4,6-Trichlorophenol	13.05	196	1078022	67.464	ng		98
43) 2,4,5-Trichlorophenol	13.12	196	1182469	72.864	ng	#	90
45) 1,1'-Biphenyl	13.46	154	4394755	61.712	ng		97
46) 2-Chloronaphthalene	13.50	162	3328944	62.927	ng		95
47) 2-Nitroaniline	13.70	65	553760	34.692	ng		85
48) Acenaphthylene	14.34	152	1393576	16.907	ng		99
49) Dimethylphthalate	14.07	163	4230425	66.371	ng		100
50) 2,6-Dinitrotoluene	14.19	165	880777	72.980	ng		93
51) Acenaphthene	14.69	154	2329858	43.529	ng		99
52) 3-Nitroaniline	14.52	138	554760	35.389	ng	#	85
53) 2,4-Dinitrophenol	14.72	184	809430	119.646	ng		92
54) Dibenzofuran	15.02	168	5249067	71.122	ng		96
55) 4-Nitrophenol	14.82	139	1636164	134.115	ng	#	48
56) 2,4-Dinitrotoluene	14.97	165	1225982	69.361	ng	#	81
57) Fluorene	15.66	166	4195912	65.211	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.24	232	1034372	78.768	ng	#	100
59) Diethylphthalate	15.43	149	4322542	65.820	ng		99
60) 4-Chlorophenyl-phenylether	15.66	204	2019312	67.282	ng		95
61) 4-Nitroaniline	15.68	138	518338	31.808	ng		85
62) Azobenzene	15.94	77	1816814	30.697	ng		90
64) 4,6-Dinitro-2-methylphenol	15.73	198	541605	49.476	ng		89
65) n-Nitrosodiphenylamine	15.87	169	316836	3.626	ng		98
66) 4-Bromophenyl-phenylether	16.55	248	1244766	42.681	ng	#	91
67) Hexachlorobenzene	16.66	284	1370799	40.052	ng	#	90
69) Pentachlorophenol	17.00	266	1798467	95.719	ng		98
70) Phenanthrene	17.40	178	6720048	43.521	ng		98
71) Anthracene	17.49	178	5899877	37.998	ng		99
73) Di-n-butylphthalate	18.32	149	7644015	43.972	ng		100
74) Fluoranthene	19.41	202	6507844	36.937	ng		96
77) Pyrene	19.77	202	3366948	23.651	ng		99
79) Butylbenzylphthalate	20.65	149	704351	11.200	ng		91
80) Benzo(a)anthracene	21.50	228	5535692	42.603	ng		98
82) Chrysene	21.56	228	6196298	50.595	ng		98
83) Bis(2-ethylhexyl)phthalate	21.43	149	5401006	58.578	ng		99
84) Di-n-octyl phthalate	22.34	149	9192858	59.146	ng	#	95
85) Indeno(1,2,3-cd)pyrene	26.36	276	2133860	18.679	ng	#	79
87) Benzo(b)fluoranthene	23.18	252	5390942	2073.342	ng		98
88) Benzo(k)fluoranthene	23.23	252	2782847	1116.290	ng		98
89) Benzo(a)pyrene	23.80	252	1875096	799.566	ng	#	95
90) Dibenzo(a,h)anthracene	26.36	278	3871802	1929.113	ng		96
91) Benzo(g,h,i)perylene	27.10	276	1817001	936.765	ng		98

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

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