Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
Data File : BM011008.D
Acq On : 27 Jul 2017 13:36
Operator : SJ/JU
Sample : I4419-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FK-BPM-01-A7-A8-B7-B8MSD

Manual Integrations APPROVED
Sohil
7/28/2017 4:44:59 PM

Quant Time: Jul 28 03:18:58 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 17:29:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	211572	20.00	ng		0.00
21) Naphthalene-d8	10.15	136	882197	20.00	ng		0.00
38) Acenaphthene-d10	14.05	164	638628	20.00	ng		0.00
63) Phenanthrene-d10	16.80	188	1718417	20.00	ng		0.00
75) Chrysene-d12	21.03	240	2033977	20.00	ng		0.00
86) Perylene-d12	23.14	264	1618948	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.03	112	1646012	131.51	ng		0.00
7) Phenol-d6	6.59	99	2348110	132.04	ng		0.00
23) Nitrobenzene-d5	8.54	82	1867430	79.45	ng		0.00
41) 2,4,6-Tribromophenol	15.55	330	1360647	132.93	ng		0.00
44) 2-Fluorobiphenyl	12.66	172	4056737	79.67	ng		0.00
78) Terphenyl-d14	19.47	244	7174537	69.87	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	171447	30.509	ng	#	100
3) Pyridine	3.40	79	443901	28.920	ng		88
4) n-Nitrosodimethylamine	3.33	42	291733	37.296	ng	#	78
6) Aniline	6.74	93	848852	37.874	ng	#	89
8) 2-Chlorophenol	6.96	128	507142	39.911	ng		85
9) Benzaldehyde	6.55	77	218306	18.974	ng	#	79
10) Phenol	6.62	94	895290	46.353	ng		99
11) bis(2-Chloroethyl)ether	6.84	93	551667	36.657	ng		94
12) 1,3-Dichlorobenzene	7.28	146	559181	36.109	ng	#	83
13) 1,4-Dichlorobenzene	7.42	146	575441	36.251	ng	#	90
14) 1,2-Dichlorobenzene	7.73	146	556351	36.658	ng	#	91
15) Benzyl Alcohol	7.64	79	712847	41.787	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	7.93	45	534606	39.476	ng		80
17) 2-Methylphenol	7.84	107	530158	42.947	ng	#	76
18) Hexachloroethane	8.45	117	247879	35.808	ng	#	82
19) n-Nitroso-di-n-propylamine	8.20	70	598967	39.637	ng	#	92
20) 3+4-Methylphenols	8.17	107	716573	41.759	ng	#	85
22) Acetophenone	8.21	105	995459	37.643	ng	#	97
24) Nitrobenzene	8.58	77	917317	37.661	ng	#	88
25) Isophorone	9.10	82	1562983	39.881	ng	#	88
26) 2-Nitrophenol	9.28	139	292715	37.769	ng	#	27
27) 2,4-Dimethylphenol	9.35	122	556611	40.797	ng	#	75
28) bis(2-Chloroethoxy)methane	9.59	93	875690	40.062	ng	#	98
29) 2,4-Dichlorophenol	9.81	162	633968	41.352	ng		95
30) 1,2,4-Trichlorobenzene	10.02	180	697111	36.775	ng		99
31) Naphthalene	10.20	128	1685233	37.973	ng		99
32) Benzoic acid	9.47	122	173107	15.785	ng	#	63
33) 4-Chloroaniline	10.32	127	572426	32.332	ng	#	77
34) Hexachlorobutadiene	10.49	225	544505	36.470	ng		97
35) Caprolactam	11.11	113	189208m	43.519	ng		
36) 4-Chloro-3-methylphenol	11.46	107	800991	40.462	ng	#	73
37) 2-Methylnaphthalene	11.82	142	1372057	42.084	ng	#	85
39) 1,2,4,5-Tetrachlorobenzene	12.20	216	968665	35.304	ng	#	100
40) Hexachlorocyclopentadiene	12.19	237	1418663	88.735	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.46	196	639297	38.496	ng		99
43) 2,4,5-Trichlorophenol	12.53	196	690858	40.391	ng	#	88
45) 1,1'-Biphenyl	12.87	154	1937316	35.083	ng		99
46) 2-Chloronaphthalene	12.90	162	1522049	37.409	ng		94
47) 2-Nitroaniline	13.13	65	612437	42.549	ng	#	74
48) Acenaphthylene	13.76	152	2352828	38.749	ng		99
49) Dimethylphthalate	13.53	163	2660945	48.707	ng	#	98
50) 2,6-Dinitrotoluene	13.64	165	452758	40.982	ng	#	62
51) Acenaphthene	14.12	154	1452828	38.643	ng		99
52) 3-Nitroaniline	13.97	138	407206	42.476	ng	#	48
53) 2,4-Dinitrophenol	14.18	184	543884	69.272	ng	#	86
54) Dibenzofuran	14.45	168	2513404	41.259	ng	#	88
55) 4-Nitrophenol	14.29	139	710082	84.305	ng		97
56) 2,4-Dinitrotoluene	14.43	165	659530	42.525	ng	#	93
57) Fluorene	15.10	166	2122851	40.024	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.69	232	724083	45.164	ng	#	100
59) Diethylphthalate	14.91	149	2246611	40.266	ng		99
60) 4-Chlorophenyl-phenylether	15.11	204	1244814	38.873	ng		98
61) 4-Nitroaniline	15.15	138	446908	43.888	ng	#	1
62) Azobenzene	15.40	77	2615494	43.801	ng		87
64) 4,6-Dinitro-2-methylphenol	15.20	198	436456	37.517	ng		94
65) n-Nitrosodiphenylamine	15.33	169	1888425	38.399	ng		98
66) 4-Bromophenyl-phenylether	16.01	248	854202	38.667	ng	#	93
67) Hexachlorobenzene	16.11	284	887162	35.539	ng	#	86
68) Atrazine	16.30	200	789440	40.057	ng		97
69) Pentachlorophenol	16.46	266	1156395	72.967	ng		97
70) Phenanthrene	16.84	178	3575935	39.741	ng		100
71) Anthracene	16.94	178	3662487	40.813	ng		100
72) Carbazole	17.22	167	3141704	40.032	ng		99
73) Di-n-butylphthalate	17.80	149	3743009	39.165	ng	#	97
74) Fluoranthene	18.88	202	4669966	41.881	ng		98
76) Benzidine	19.09	184	2241847	46.073	ng		99
77) Pyrene	19.24	202	4635049	38.352	ng		100
79) Butylbenzylphthalate	20.18	149	1784408	41.521	ng	#	68
80) Benzo(a)anthracene	21.01	228	4562402	39.284	ng		100
81) 3,3'-Dichlorobenzidine	20.96	252	1649922	36.214	ng	#	96
82) Chrysene	21.06	228	4228248	37.928	ng		99
83) Bis(2-ethylhexyl)phthalate	20.97	149	2470950	39.083	ng	#	98
84) Di-n-octyl phthalate	21.82	149	3872760	37.742	ng		99
85) Indeno(1,2,3-cd)pyrene	25.21	276	3652741	31.637	ng		97
87) Benzo(b)fluoranthene	22.52	252	4289240	41.280	ng	#	92
88) Benzo(k)fluoranthene	22.56	252	3879611	38.956	ng	#	94
89) Benzo(a)pyrene	23.05	252	3741304	39.792	ng	#	95
90) Dibenzo(a,h)anthracene	25.23	278	3037508	34.849	ng	#	91
91) Benzo(g,h,i)perylene	25.84	276	2907260	33.968	ng	#	85

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

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