Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072017\
Data File : BM010906.D
Acq On : 20 Jul 2017 13:01
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Jul 21 02:35:54 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM071217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 12 14:21:16 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	203201	20.00	ng		-0.01
21) Naphthalene-d8	10.20	136	945015	20.00	ng		-0.01
38) Acenaphthene-d10	14.09	164	725848	20.00	ng		0.00
63) Phenanthrene-d10	16.84	188	2070295	20.00	ng		0.00
75) Chrysene-d12	21.06	240	2416029	20.00	ng		0.00
86) Perylene-d12	23.19	264	1750483	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.07	112	969871	79.06	ng		0.00
7) Phenol-d6	6.63	99	1395656	82.53	ng		0.00
23) Nitrobenzene-d5	8.59	82	1935752	78.73	ng		0.00
41) 2,4,6-Tribromophenol	15.59	330	1045921	94.29	ng		0.00
44) 2-Fluorobiphenyl	12.70	172	4472912	76.66	ng		0.00
78) Terphenyl-d14	19.50	244	10355771	82.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	203988	37.686	ng	#	100
3) Pyridine	3.46	79	580275	39.220	ng		88
4) n-Nitrosodimethylamine	3.38	42	324960	42.975	ng	#	62
6) Aniline	6.79	93	871630	41.145	ng		94
8) 2-Chlorophenol	7.01	128	501065	41.256	ng		86
9) Benzaldehyde	6.60	77	456090	38.841	ng		85
10) Phenol	6.66	94	757386	42.359	ng		97
11) bis(2-Chloroethyl)ether	6.89	93	569696	41.370	ng		97
12) 1,3-Dichlorobenzene	7.33	146	613127	40.850	ng	#	83
13) 1,4-Dichlorobenzene	7.47	146	617688	39.879	ng	#	90
14) 1,2-Dichlorobenzene	7.78	146	608380	41.219	ng	#	91
15) Benzyl Alcohol	7.68	79	702236	43.854	ng	#	82
16) 2,2'-oxybis(1-Chloropropan	7.96	45	522201	43.739	ng		82
17) 2-Methylphenol	7.89	107	506648	43.814	ng	#	77
18) Hexachloroethane	8.49	117	270941	41.704	ng	#	86
19) n-Nitroso-di-n-propylamine	8.25	70	622436	46.464	ng	#	93
20) 3+4-Methylphenols	8.22	107	719121	44.761	ng	#	81
22) Acetophenone	8.26	105	1071618	37.662	ng	#	94
24) Nitrobenzene	8.63	77	980129	38.899	ng	#	87
25) Isophorone	9.15	82	1651321	40.999	ng	#	87
26) 2-Nitrophenol	9.33	139	339279	40.466	ng	#	33
27) 2,4-Dimethylphenol	9.40	122	576097	38.498	ng	#	72
28) bis(2-Chloroethoxy)methane	9.64	93	890701	39.449	ng		99
29) 2,4-Dichlorophenol	9.86	162	674755	39.917	ng		93
30) 1,2,4-Trichlorobenzene	10.07	180	810952	39.242	ng		100
31) Naphthalene	10.25	128	1906606	39.679	ng		98
32) Benzoic acid	9.57	122	508326	43.295	ng	#	51
33) 4-Chloroaniline	10.37	127	796083	41.122	ng	#	79
34) Hexachlorobutadiene	10.54	225	641936	40.034	ng		97
35) Caprolactam	11.17	113	201296	44.729	ng		89
36) 4-Chloro-3-methylphenol	11.50	107	908141	44.414	ng	#	76
37) 2-Methylnaphthalene	11.87	142	1479921	42.880	ng	#	87
39) 1,2,4,5-Tetrachlorobenzene	12.25	216	1176597	37.188	ng	#	100
40) Hexachlorocyclopentadiene	12.23	237	676431	37.295	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.50	196	758499	38.933	ng		97
43) 2,4,5-Trichlorophenol	12.57	196	774691	40.276	ng	#	87
45) 1,1'-Biphenyl	12.92	154	2409905	38.110	ng		99
46) 2-Chloronaphthalene	12.95	162	1809473	39.025	ng		94
47) 2-Nitroaniline	13.17	65	688270	45.156	ng	#	69
48) Acenaphthylene	13.81	152	2817995	40.863	ng		99
49) Dimethylphthalate	13.57	163	2539280	41.122	ng	#	99
50) 2,6-Dinitrotoluene	13.68	165	530996	43.840	ng	#	55
51) Acenaphthene	14.16	154	1724401	40.922	ng		97
52) 3-Nitroaniline	14.01	138	485300	44.074	ng	#	37
53) 2,4-Dinitrophenol	14.22	184	378633	45.222	ng	#	86
54) Dibenzofuran	14.50	168	2858163	41.931	ng	#	90
55) 4-Nitrophenol	14.33	139	414227	43.316	ng	#	1
56) 2,4-Dinitrotoluene	14.47	165	784845	46.698	ng		94
57) Fluorene	15.15	166	2572997	43.910	ng		97
58) 2,3,4,6-Tetrachlorophenol	14.73	232	789178	44.158	ng	#	100
59) Diethylphthalate	14.94	149	2735303	44.852	ng		99
60) 4-Chlorophenyl-phenylether	15.15	204	1532431	42.574	ng		97
61) 4-Nitroaniline	15.19	138	535307	46.513	ng	#	1
62) Azobenzene	15.44	77	2919997	47.153	ng		89
64) 4,6-Dinitro-2-methylphenol	15.24	198	560114	41.029	ng		94
65) n-Nitrosodiphenylamine	15.37	169	2286588	38.599	ng		100
66) 4-Bromophenyl-phenylether	16.05	248	1034960	39.446	ng	#	92
67) Hexachlorobenzene	16.16	284	1184314	39.475	ng	#	88
68) Atrazine	16.34	200	1006837	41.040	ng		96
69) Pentachlorophenol	16.50	266	780639	40.589	ng		97
70) Phenanthrene	16.89	178	4380116	40.669	ng		100
71) Anthracene	16.98	178	4375722	40.929	ng		99
72) Carbazole	17.26	167	3911418	41.541	ng		99
73) Di-n-butylphthalate	17.84	149	4910324	44.079	ng	#	96
74) Fluoranthene	18.92	202	5675053	42.546	ng		98
76) Benzidine	19.12	184	2258478	34.932	ng		98
77) Pyrene	19.29	202	5834771	41.659	ng		100
79) Butylbenzylphthalate	20.22	149	2206842	45.004	ng	#	70
80) Benzo(a)anthracene	21.05	228	5597381	39.983	ng		98
81) 3,3'-Dichlorobenzidine	20.99	252	2194441	39.866	ng	#	98
82) Chrysene	21.10	228	5259970	39.452	ng		99
83) Bis(2-ethylhexyl)phthalate	21.00	149	3186874	44.629	ng		99
84) Di-n-octyl phthalate	21.86	149	4993892	42.684	ng		100
85) Indeno(1,2,3-cd)pyrene	25.30	276	4264604	27.894	ng	#	100
87) Benzo(b)fluoranthene	22.56	252	4936624	44.397	ng	#	93
88) Benzo(k)fluoranthene	22.60	252	4536810	42.718	ng	#	95
89) Benzo(a)pyrene	23.10	252	4274756	42.237	ng	#	96
90) Dibenzo(a,h)anthracene	25.31	278	3513347	35.766	ng	#	92
91) Benzo(g,h,i)perylene	25.93	276	3356180	34.756	ng	#	85

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

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