Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM071217\
Data File : BM010799.D
Acq On : 12 Jul 2017 13:42
Operator : SJ/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICC080

Quant Time: Jul 12 14:13:39 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 13:55:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	226005	20.00	ng		0.00
21) Naphthalene-d8	10.21	136	858721	20.00	ng		0.00
38) Acenaphthene-d10	14.10	164	556678	20.00	ng		0.00
63) Phenanthrene-d10	16.86	188	1344549	20.00	ng		0.00
75) Chrysene-d12	21.07	240	1533524	20.00	ng		0.00
86) Perylene-d12	23.20	264	1399830	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.08	112	2319906	185.37	ng		0.00
7) Phenol-d6	6.65	99	3112160	193.25	ng		0.00
23) Nitrobenzene-d5	8.60	82	3769945	236.86	ng		0.01
41) 2,4,6-Tribromophenol	15.60	330	1453266	171.89	ng		0.00
44) 2-Fluorobiphenyl	12.72	172	7364006	170.06	ng		0.00
78) Terphenyl-d14	19.51	244	12069945	178.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.09	88	490738	85.339	ng	#	100
3) Pyridine	3.46	79	1360285	88.366	ng		89
4) n-Nitrosodimethylamine	3.39	42	698035	125.370	ng	#	71
6) Aniline	6.80	93	1926390	96.545	ng		92
8) 2-Chlorophenol	7.02	128	1141305	83.816	ng		88
9) Benzaldehyde	6.61	77	898931	89.670	ng		86
10) Phenol	6.68	94	1668173	98.294	ng		93
11) bis(2-Chloroethyl)ether	6.90	93	1260958	99.677	ng		99
12) 1,3-Dichlorobenzene	7.34	146	1356629	78.402	ng	#	84
13) 1,4-Dichlorobenzene	7.49	146	1392729	78.354	ng	#	90
14) 1,2-Dichlorobenzene	7.80	146	1309876	76.770	ng	#	89
15) Benzyl Alcohol	7.69	79	1432675	117.583	ng	#	83
16) 2,2'-oxybis(1-Chloropropan	7.98	45	1056429	84.936	ng		82
17) 2-Methylphenol	7.90	107	1068766	88.504	ng	#	82
18) Hexachloroethane	8.51	117	602247	104.519	ng	#	79
19) n-Nitroso-di-n-propylamine	8.26	70	1182916	104.067	ng		94
20) 3+4-Methylphenols	8.23	107	1453494	89.122	ng		85
22) Acetophenone	8.27	105	2138674	97.158	ng	#	97
24) Nitrobenzene	8.64	77	1890236	115.278	ng		91
25) Isophorone	9.17	82	3015189	109.630	ng	#	87
26) 2-Nitrophenol	9.34	139	679504	98.313	ng	#	41
27) 2,4-Dimethylphenol	9.41	122	1138468	91.224	ng	#	71
28) bis(2-Chloroethoxy)methane	9.65	93	1643566	94.163	ng		98
29) 2,4-Dichlorophenol	9.87	162	1275228	88.751	ng		95
30) 1,2,4-Trichlorobenzene	10.08	180	1535548	82.598	ng		97
31) Naphthalene	10.26	128	3638760	79.212	ng		100
32) Benzoic acid	9.60	122	949172	111.606	ng	#	61
33) 4-Chloroaniline	10.38	127	1499565	84.734	ng	#	80
34) Hexachlorobutadiene	10.55	225	1188196	95.814	ng		96
35) Caprolactam	11.19	113	344887	83.651	ng	#	88
36) 4-Chloro-3-methylphenol	11.52	107	1582308	101.676	ng	#	74
37) 2-Methylnaphthalene	11.89	142	2588955	78.277	ng	#	89
39) 1,2,4,5-Tetrachlorobenzene	12.26	216	1971996	92.120	ng	#	100
40) Hexachlorocyclopentadiene	12.25	237	1231969	99.673	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.52	196	1215802	96.426	ng		97
43) 2,4,5-Trichlorophenol	12.59	196	1218481	87.458	ng	#	89
45) 1,1'-Biphenyl	12.93	154	4003492	87.453	ng		99
46) 2-Chloronaphthalene	12.96	162	2946323	79.493	ng		94
47) 2-Nitroaniline	13.18	65	1020207	107.042	ng	#	75
48) Acenaphthylene	13.82	152	4410114	80.468	ng		99
49) Dimethylphthalate	13.58	163	3860580	77.746	ng	#	98
50) 2,6-Dinitrotoluene	13.69	165	792750	84.077	ng	#	64
51) Acenaphthene	14.17	154	2672534	78.442	ng		97
52) 3-Nitroaniline	14.02	138	743318	84.817	ng	#	50
53) 2,4-Dinitrophenol	14.23	184	564877	103.928	ng	#	87
54) Dibenzofuran	14.50	168	4264776	79.604	ng	#	88
55) 4-Nitrophenol	14.34	139	633194	89.780	ng	#	1
56) 2,4-Dinitrotoluene	14.49	165	1130122	84.718	ng		96
57) Fluorene	15.16	166	3744925	80.383	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.74	232	1129812	95.206	ng	#	100
59) Diethylphthalate	14.96	149	3869255	82.415	ng		99
60) 4-Chlorophenyl-phenylether	15.16	204	2215388	84.694	ng		98
61) 4-Nitroaniline	15.20	138	772084	86.786	ng	#	1
62) Azobenzene	15.46	77	3910762	113.286	ng		89
64) 4,6-Dinitro-2-methylphenol	15.25	198	784736	95.536	ng		94
65) n-Nitrosodiphenylamine	15.38	169	3233861	80.251	ng		99
66) 4-Bromophenyl-phenylether	16.06	248	1417987	82.383	ng	#	88
67) Hexachlorobenzene	16.16	284	1609086	76.946	ng	#	87
68) Atrazine	16.35	200	1334622	87.352	ng		95
69) Pentachlorophenol	16.51	266	1073960	93.502	ng		97
70) Phenanthrene	16.90	178	5821010	77.379	ng		100
71) Anthracene	16.99	178	5818376	77.937	ng		99
72) Carbazole	17.27	167	5159237	78.054	ng		99
73) Di-n-butylphthalate	17.85	149	6364737	81.216	ng	#	96
74) Fluoranthene	18.93	202	7306681	74.806	ng		98
76) Benzidine	19.13	184	3448775	121.927	ng		98
77) Pyrene	19.29	202	7424241	90.299	ng		99
79) Butylbenzylphthalate	20.23	149	2859196	93.944	ng	#	78
80) Benzo(a)anthracene	21.06	228	7347621	86.937	ng		100
81) 3,3'-Dichlorobenzidine	21.00	252	3071136	90.338	ng	#	96
82) Chrysene	21.11	228	7099425	88.567	ng		99
83) Bis(2-ethylhexyl)phthalate	21.01	149	4155814	91.308	ng		100
84) Di-n-octyl phthalate	21.87	149	6882804	84.466	ng		99
85) Indeno(1,2,3-cd)pyrene	25.32	276	8373161	71.233	ng	#	100
87) Benzo(b)fluoranthene	22.57	252	7628021	93.110	ng	#	92
88) Benzo(k)fluoranthene	22.62	252	7166145	89.282	ng	#	95
89) Benzo(a)pyrene	23.12	252	6961577	89.175	ng	#	96
90) Dibenzo(a,h)anthracene	25.33	278	6811231	78.024	ng	#	92
91) Benzo(g,h,i)perylene	25.96	276	6585350	76.988	ng	#	86

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

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