Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM020818\
Data File : BM014183.D
Acq On : 08 Feb 2018 08:25
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Feb 08 16:16:01 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM020718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 07 17:16:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	80414	20.00	ng		0.00
21) Naphthalene-d8	10.32	136	407517	20.00	ng		0.00
38) Acenaphthene-d10	14.20	164	297453	20.00	ng		0.00
63) Phenanthrene-d10	16.96	188	792443	20.00	ng		0.00
75) Chrysene-d12	21.16	240	850789	20.00	ng		0.00
86) Perylene-d12	23.34	264	668771	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.16	112	344437	74.66	ng		0.00
7) Phenol-d6	6.73	99	502787	76.95	ng		0.00
23) Nitrobenzene-d5	8.70	82	706877	77.48	ng		0.00
41) 2,4,6-Tribromophenol	15.70	330	340119	80.58	ng		0.00
44) 2-Fluorobiphenyl	12.81	172	1814519	76.15	ng		0.00
78) Terphenyl-d14	19.60	244	3320445	76.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.14	88	70445	37.157	ng	#	100
3) Pyridine	3.52	79	201800	38.439	ng	#	88
4) n-Nitrosodimethylamine	3.45	42	129590	38.750	ng	#	44
6) Aniline	6.89	93	326103	39.148	ng		95
8) 2-Chlorophenol	7.11	128	200229	38.184	ng		92
9) Benzaldehyde	6.70	77	181250	38.544	ng		87
10) Phenol	6.76	94	248015	38.448	ng		97
11) bis(2-Chloroethyl)ether	6.98	93	194371	38.119	ng		95
12) 1,3-Dichlorobenzene	7.43	146	246996	37.685	ng	#	87
13) 1,4-Dichlorobenzene	7.57	146	249321	37.864	ng	#	92
14) 1,2-Dichlorobenzene	7.89	146	249932	37.718	ng	#	93
15) Benzyl Alcohol	7.79	79	239527	39.562	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.07	45	194934	37.585	ng		82
17) 2-Methylphenol	7.99	107	194786	39.455	ng	#	78
18) Hexachloroethane	8.59	117	112150	39.404	ng		93
19) n-Nitroso-di-n-propylamine	8.35	70	225193	40.007	ng		90
20) 3+4-Methylphenols	8.32	107	278268	38.919	ng	#	88
22) Acetophenone	8.36	105	435971	37.206	ng	#	88
24) Nitrobenzene	8.74	77	349395	37.195	ng		93
25) Isophorone	9.26	82	569014	37.648	ng	#	92
26) 2-Nitrophenol	9.45	139	131165	37.016	ng	#	47
27) 2,4-Dimethylphenol	9.51	122	204717	37.904	ng		86
28) bis(2-Chloroethoxy)methane	9.75	93	300232	38.734	ng		99
29) 2,4-Dichlorophenol	9.97	162	236857	39.248	ng		97
30) 1,2,4-Trichlorobenzene	10.18	180	299569	37.655	ng		99
31) Naphthalene	10.36	128	861028	38.588	ng		97
32) Benzoic acid	9.70	122	163136	36.760	ng	#	70
33) 4-Chloroaniline	10.49	127	350496	37.788	ng	#	83
34) Hexachlorobutadiene	10.63	225	208830	38.266	ng		96
35) Caprolactam	11.30	113	80276	37.196	ng		88
36) 4-Chloro-3-methylphenol	11.63	107	301145	40.276	ng		87
37) 2-Methylnaphthalene	11.99	142	677461	40.314	ng	#	90
39) 1,2,4,5-Tetrachlorobenzene	12.36	216	394004	37.803	ng	#	100
40) Hexachlorocyclopentadiene	12.33	237	198555	36.171	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.62	196	242345	39.580	ng		96
43) 2,4,5-Trichlorophenol	12.70	196	264630	39.146	ng	#	88
45) 1,1'-Biphenyl	13.02	154	999789	38.802	ng		99
46) 2-Chloronaphthalene	13.06	162	758947	38.803	ng	#	93
47) 2-Nitroaniline	13.29	65	280322	38.947	ng	#	78
48) Acenaphthylene	13.92	152	1255364	39.142	ng		100
49) Dimethylphthalate	13.67	163	1040327	39.068	ng		98
50) 2,6-Dinitrotoluene	13.80	165	209556	38.351	ng	#	64
51) Acenaphthene	14.26	154	773761	39.139	ng		99
52) 3-Nitroaniline	14.13	138	218897	38.729	ng	#	60
53) 2,4-Dinitrophenol	14.35	184	95576	35.452	ng		89
54) Dibenzofuran	14.60	168	1237196	40.050	ng		92
55) 4-Nitrophenol	14.46	139	152181	37.312	ng		87
56) 2,4-Dinitrotoluene	14.60	165	332551	39.436	ng	#	81
57) Fluorene	15.26	166	1062505	39.096	ng		100
58) 2,3,4,6-Tetrachlorophenol	14.84	232	259582	38.977	ng	#	100
59) Diethylphthalate	15.05	149	1173733	39.709	ng		96
60) 4-Chlorophenyl-phenylether	15.26	204	566451	40.097	ng		94
61) 4-Nitroaniline	15.30	138	219641	38.836	ng	#	18
62) Azobenzene	15.55	77	1228661	40.024	ng		84
64) 4,6-Dinitro-2-methylphenol	15.37	198	189096	36.366	ng		92
65) n-Nitrosodiphenylamine	15.47	169	944982	37.774	ng		98
66) 4-Bromophenyl-phenylether	16.15	248	341948	36.816	ng	#	86
67) Hexachlorobenzene	16.26	284	382466	37.507	ng	#	81
68) Atrazine	16.44	200	362949	38.681	ng		98
69) Pentachlorophenol	16.61	266	227575	36.104	ng		96
70) Phenanthrene	17.00	178	1791776	37.482	ng		98
71) Anthracene	17.09	178	1785159	38.326	ng		98
72) Carbazole	17.37	167	1647487	37.628	ng		98
73) Di-n-butylphthalate	17.93	149	2200862	39.279	ng	#	97
74) Fluoranthene	19.03	202	2165998	38.487	ng		99
76) Benzidine	19.23	184	1037111	40.932	ng		99
77) Pyrene	19.39	202	2268654	38.383	ng		98
79) Butylbenzylphthalate	20.30	149	999753	37.559	ng	#	82
80) Benzo(a)anthracene	21.15	228	2101742	38.018	ng		98
81) 3,3'-Dichlorobenzidine	21.09	252	761262	36.844	ng		98
82) Chrysene	21.20	228	1980845	36.937	ng		98
83) Bis(2-ethylhexyl)phthalate	21.09	149	1480390	38.128	ng		99
84) Di-n-octyl phthalate	21.94	149	2069013	38.493	ng		96
85) Indeno(1,2,3-cd)pyrene	25.50	276	1523204	36.128	ng		99
87) Benzo(b)fluoranthene	22.69	252	1868870	40.273	ng	#	94
88) Benzo(k)fluoranthene	22.73	252	1736506	39.364	ng	#	97
89) Benzo(a)pyrene	23.24	252	1602905	39.196	ng	#	97
90) Dibenzo(a,h)anthracene	25.51	278	1279526	38.287	ng	#	94
91) Benzo(g,h,i)perylene	26.16	276	1192356	38.161	ng	#	90

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

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