Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032217\
Data File : BM009316.D
Acq On : 22 Mar 2017 14:00
Operator : SJ/MA
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDICCC040

Quant Time: Mar 22 15:32:42 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 22 15:30:44 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	169980	20.00	ng		0.00
21) Naphthalene-d8	10.66	136	665321	20.00	ng		0.00
38) Acenaphthene-d10	14.50	164	383087	20.00	ng		0.00
63) Phenanthrene-d10	17.25	188	859240	20.00	ng		0.00
75) Chrysene-d12	21.43	240	1031391	20.00	ng		0.00
86) Perylene-d12	23.76	264	911196	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	824897	86.28	ng		0.00
7) Phenol-d6	7.02	99	1166569	87.87	ng		0.00
23) Nitrobenzene-d5	9.03	82	1464073	136.44	ng		0.00
41) 2,4,6-Tribromophenol	16.00	330	404003	105.60	ng		0.00
44) 2-Fluorobiphenyl	13.12	172	2645144	94.07	ng		0.00
78) Terphenyl-d14	19.87	244	4167548	95.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	197237	49.72	ng	#	100
3) Pyridine	3.76	79	600734	54.06	ng	#	81
4) n-Nitrosodimethylamine	3.68	42	311561	87.57	ng	#	71
6) Aniline	7.19	93	785968	44.97	ng		90
8) 2-Chlorophenol	7.42	128	438371	36.21	ng	#	80
9) Benzaldehyde	7.01	77	446854	68.64	ng		81
10) Phenol	7.05	94	623318	44.25	ng		90
11) bis(2-Chloroethyl)ether	7.29	93	508886	44.65	ng	#	80
12) 1,3-Dichlorobenzene	7.75	146	508894	38.27	ng	#	87
13) 1,4-Dichlorobenzene	7.90	146	523294	38.16	ng	#	91
14) 1,2-Dichlorobenzene	8.22	146	517873	39.55	ng		93
15) Benzyl Alcohol	8.10	79	496802	54.08	ng	#	88
16) 2,2'-oxybis(1-Chloropropan	8.39	45	873606	71.75	ng		95
17) 2-Methylphenol	8.30	107	415987	42.24	ng	#	88
18) Hexachloroethane	8.93	117	219426	46.57	ng		87
19) n-Nitroso-di-n-propylamine	8.67	70	462363	53.09	ng	#	88
20) 3+4-Methylphenols	8.62	107	559838	41.08	ng		88
22) Acetophenone	8.69	105	779426	47.80	ng	#	88
24) Nitrobenzene	9.07	77	715747	61.69	ng	#	89
25) Isophorone	9.59	82	1132523	52.18	ng	#	88
26) 2-Nitrophenol	9.77	139	223453	38.08	ng	#	42
27) 2,4-Dimethylphenol	9.83	122	394191	38.58	ng	#	79
28) bis(2-Chloroethoxy)methane	10.07	93	681514	52.26	ng		98
29) 2,4-Dichlorophenol	10.30	162	420326	43.19	ng		93
30) 1,2,4-Trichlorobenzene	10.52	180	513682	47.27	ng		98
31) Naphthalene	10.71	128	1450857	41.67	ng		99
32) Benzoic acid	9.95	122	265773	40.73	ng	#	78
33) 4-Chloroaniline	10.82	127	567176	39.46	ng	#	80
34) Hexachlorobutadiene	10.98	225	344261	53.43	ng		95
35) Caprolactam	11.61	113	126848	39.42	ng	#	68
36) 4-Chloro-3-methylphenol	11.94	107	480585	43.79	ng	#	78
37) 2-Methylnaphthalene	12.32	142	1001967	41.96	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	601822	48.87	ng	#	100
40) Hexachlorocyclopentadiene	12.66	237	353672	51.48	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.93	196	356964	44.44	ng		98
43) 2,4,5-Trichlorophenol	13.00	196	393056	46.56	ng	#	90
45) 1,1'-Biphenyl	13.33	154	1328510	39.11	ng		97
46) 2-Chloronaphthalene	13.38	162	1020648	40.90	ng		96
47) 2-Nitroaniline	13.59	65	389116	62.87	ng	#	72
48) Acenaphthylene	14.23	152	1695017	40.74	ng		99
49) Dimethylphthalate	13.96	163	1202518	38.09	ng	#	99
50) 2,6-Dinitrotoluene	14.09	165	272365	41.35	ng	#	73
51) Acenaphthene	14.57	154	1005475	41.71	ng		99
52) 3-Nitroaniline	14.42	138	270319	40.10	ng	#	64
53) 2,4-Dinitrophenol	14.62	184	149714	47.23	ng		88
54) Dibenzofuran	14.90	168	1468001	42.16	ng		94
55) 4-Nitrophenol	14.71	139	216478	38.89	ng	#	21
56) 2,4-Dinitrotoluene	14.87	165	354779	41.51	ng		99
57) Fluorene	15.55	166	1330323	46.09	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.13	232	324499	50.01	ng	#	100
59) Diethylphthalate	15.32	149	1225214	39.53	ng		98
60) 4-Chlorophenyl-phenylether	15.54	204	688738	47.19	ng		99
61) 4-Nitroaniline	15.58	138	275678	40.05	ng	#	35
62) Azobenzene	15.84	77	1452763	59.79	ng		87
64) 4,6-Dinitro-2-methylphenol	15.63	198	220075	42.45	ng		88
65) n-Nitrosodiphenylamine	15.76	169	1100157	40.50	ng		99
66) 4-Bromophenyl-phenylether	16.44	248	405933	43.82	ng	#	90
67) Hexachlorobenzene	16.55	284	440151	44.22	ng	#	86
68) Atrazine	16.71	200	403616	47.64	ng		97
69) Pentachlorophenol	16.90	266	267940	47.16	ng		95
70) Phenanthrene	17.30	178	1988424	41.24	ng		99
71) Anthracene	17.39	178	2044542	42.68	ng		99
72) Carbazole	17.66	167	1922220	46.05	ng		100
73) Di-n-butylphthalate	18.21	149	2014075	41.28	ng	#	98
74) Fluoranthene	19.31	202	2302077	46.30	ng		99
76) Benzidine	19.50	184	1292984	39.13	ng		99
77) Pyrene	19.67	202	2458146	33.98	ng		99
79) Butylbenzylphthalate	20.56	149	899483	32.29	ng	#	73
80) Benzo(a)anthracene	21.41	228	2435449	39.38	ng		99
81) 3,3'-Dichlorobenzidine	21.34	252	928318	47.15	ng		99
82) Chrysene	21.46	228	2339240	39.31	ng		98
83) Bis(2-ethylhexyl)phthalate	21.32	149	1333679	34.91	ng		99
84) Di-n-octyl phthalate	22.23	149	2207089	34.97	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.13	276	2500725	39.99	ng	#	100
87) Benzo(b)fluoranthene	23.05	252	2388605	43.12	ng	#	95
88) Benzo(k)fluoranthene	23.10	252	2287615	42.31	ng	#	97
89) Benzo(a)pyrene	23.66	252	2204981	42.32	ng		98
90) Dibenzo(a,h)anthracene	26.14	278	2151690	42.30	ng	#	96
91) Benzo(g,h,i)perylene	26.86	276	2102273	40.91	ng	#	92

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

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