Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032217\
Data File : BM009320.D
Acq On : 22 Mar 2017 16:24
Operator : SJ/MA
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ICVBM032217

Quant Time: Mar 22 16:54:13 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 16:43:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	161365	20.00	ng		0.00
21) Naphthalene-d8	10.66	136	632443	20.00	ng		0.00
38) Acenaphthene-d10	14.50	164	355316	20.00	ng		0.00
63) Phenanthrene-d10	17.25	188	798223	20.00	ng		0.00
75) Chrysene-d12	21.43	240	992195	20.00	ng		0.00
86) Perylene-d12	23.76	264	908554	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	820368	84.74	ng		0.00
7) Phenol-d6	7.02	99	1111793	84.22	ng		0.00
23) Nitrobenzene-d5	9.03	82	1389988	82.40	ng		0.00
41) 2,4,6-Tribromophenol	16.00	330	367581	83.27	ng		0.00
44) 2-Fluorobiphenyl	13.12	172	2458327	83.37	ng		0.00
78) Terphenyl-d14	19.87	244	3963839	83.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	199378	40.96	ng	#	100
3) Pyridine	3.76	79	583422	42.41	ng	#	83
4) n-Nitrosodimethylamine	3.68	42	297698	40.65	ng	#	70
6) Aniline	7.19	93	745421	41.55	ng	#	91
8) 2-Chlorophenol	7.42	128	419430	42.73	ng	#	80
9) Benzaldehyde	7.01	77	425665	40.96	ng		82
10) Phenol	7.05	94	591697	41.36	ng		92
11) bis(2-Chloroethyl)ether	7.29	93	482809	41.18	ng		85
12) 1,3-Dichlorobenzene	7.75	146	494672	42.09	ng	#	89
13) 1,4-Dichlorobenzene	7.90	146	510383	42.03	ng	#	92
14) 1,2-Dichlorobenzene	8.21	146	482135	40.89	ng	#	92
15) Benzyl Alcohol	8.10	79	484186	41.95	ng	#	86
16) 2,2'-oxybis(1-Chloropropan	8.39	45	838734	41.16	ng		96
17) 2-Methylphenol	8.29	107	392675	41.95	ng	#	87
18) Hexachloroethane	8.93	117	210577	42.39	ng	#	90
19) n-Nitroso-di-n-propylamine	8.67	70	435438	40.91	ng	#	93
20) 3+4-Methylphenols	8.62	107	530557	41.69	ng		89
22) Acetophenone	8.69	105	713146	39.98	ng	#	86
24) Nitrobenzene	9.07	77	667591	40.40	ng		92
25) Isophorone	9.59	82	1042502	40.51	ng	#	89
26) 2-Nitrophenol	9.77	139	214417	43.02	ng	#	52
27) 2,4-Dimethylphenol	9.83	122	371343	40.73	ng	#	79
28) bis(2-Chloroethoxy)methane	10.07	93	642097	40.30	ng		98
29) 2,4-Dichlorophenol	10.30	162	399269	41.89	ng		92
30) 1,2,4-Trichlorobenzene	10.52	180	486134	41.10	ng		98
31) Naphthalene	10.71	128	1358060	40.46	ng		99
32) Benzoic acid	9.95	122	253582	40.89	ng	#	87
33) 4-Chloroaniline	10.82	127	529668	40.90	ng	#	80
34) Hexachlorobutadiene	10.98	225	329010	40.63	ng		96
35) Caprolactam	11.61	113	119607	41.10	ng	#	73
36) 4-Chloro-3-methylphenol	11.94	107	447633	41.51	ng	#	82
37) 2-Methylnaphthalene	12.32	142	932986	40.27	ng	#	93
39) 1,2,4,5-Tetrachlorobenzene	12.69	216	568501	42.38	ng	#	100
40) Hexachlorocyclopentadiene	12.66	237	327810	42.58	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.93	196	326458	42.56	ng		97
43) 2,4,5-Trichlorophenol	13.00	196	365941	42.76	ng	#	89
45) 1,1'-Biphenyl	13.33	154	1237911	41.86	ng		96
46) 2-Chloronaphthalene	13.38	162	956455	41.64	ng		95
47) 2-Nitroaniline	13.59	65	364570	43.08	ng	#	71
48) Acenaphthylene	14.23	152	1569216	41.94	ng		99
49) Dimethylphthalate	13.96	163	1126410	41.29	ng	#	99
50) 2,6-Dinitrotoluene	14.09	165	250626	42.63	ng	#	70
51) Acenaphthene	14.57	154	927114	41.07	ng		99
52) 3-Nitroaniline	14.42	138	249933	43.15	ng	#	57
53) 2,4-Dinitrophenol	14.62	184	141352	38.68	ng		95
54) Dibenzofuran	14.90	168	1356699	40.64	ng		94
55) 4-Nitrophenol	14.71	139	200075	41.79	ng	#	21
56) 2,4-Dinitrotoluene	14.87	165	338350	42.54	ng		95
57) Fluorene	15.55	166	1227011	40.90	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.13	232	303002	41.86	ng	#	100
59) Diethylphthalate	15.32	149	1138273	41.13	ng		99
60) 4-Chlorophenyl-phenylether	15.55	204	637517	40.69	ng		99
61) 4-Nitroaniline	15.58	138	253187	40.25	ng	#	19
62) Azobenzene	15.84	77	1354452	41.92	ng		87
64) 4,6-Dinitro-2-methylphenol	15.63	198	206004	40.96	ng		90
65) n-Nitrosodiphenylamine	15.76	169	1010089	41.66	ng		99
66) 4-Bromophenyl-phenylether	16.44	248	383883	41.51	ng	#	86
67) Hexachlorobenzene	16.55	284	415131	40.95	ng	#	88
68) Atrazine	16.71	200	380096	41.68	ng		96
69) Pentachlorophenol	16.90	266	244773	39.53	ng		95
70) Phenanthrene	17.29	178	1856369	40.67	ng		98
71) Anthracene	17.39	178	1899171	41.10	ng		99
72) Carbazole	17.66	167	1810009	40.90	ng		99
73) Di-n-butylphthalate	18.21	149	1911530	42.28	ng	#	97
74) Fluoranthene	19.31	202	2221361	41.09	ng		99
76) Benzidine	19.50	184	1229203	41.57	ng		99
77) Pyrene	19.67	202	2357601	41.90	ng		98
79) Butylbenzylphthalate	20.56	149	878085	43.33	ng	#	75
80) Benzo(a)anthracene	21.41	228	2425629	41.86	ng		98
81) 3,3'-Dichlorobenzidine	21.34	252	933993	43.04	ng		99
82) Chrysene	21.46	228	2251393	40.69	ng		98
83) Bis(2-ethylhexyl)phthalate	21.32	149	1292536	42.74	ng		98
84) Di-n-octyl phthalate	22.22	149	2194856	43.62	ng	#	91
85) Indeno(1,2,3-cd)pyrene	26.13	276	2543008	42.14	ng	#	100
87) Benzo(b)fluoranthene	23.05	252	2389921	41.50	ng	#	95
88) Benzo(k)fluoranthene	23.10	252	2291174	41.37	ng	#	97
89) Benzo(a)pyrene	23.65	252	2227734	41.77	ng		100
90) Dibenzo(a,h)anthracene	26.14	278	2204930	42.20	ng	#	95
91) Benzo(g,h,i)perylene	26.86	276	2148083	42.18	ng	#	93

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

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