Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052516\
Data File : BM005649.D
Acq On : 25 May 2016 22:55
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 26 01:07:47 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 25 19:26:23 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD02036

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	80608	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	413654	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	263266	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	632537	20.00	ng/ul	0.00
75) Chrysene-d12	21.36	240	665262	20.00	ng/ul	0.00
83) Perylene-d12	23.64	264	533589	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	12994	7.06	ng/uL	0.00
5) Phenol-d5	6.97	99	152890	23.14	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.12	67	84193	21.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	120429	21.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	130793	24.16	ng/ul	0.01
19) Nitrobenzene-d5	8.95	128	62052	19.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	70432	20.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	131432	20.05	ng/ul	0.01
29) 4-Chloroaniline-d4	10.72	131	174899	26.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	412934	19.21	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	523227	19.47	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	73270	18.03	ng/ul	0.01
57) Fluorene-d10	15.42	176	367245	19.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	60107	16.52	ng/ul	0.00
70) Anthracene-d10	17.27	188	587188	19.49	ng/ul	0.00
76) Pyrene-d10	19.57	212	651110	21.61	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.49	264	486727	19.53	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	23428	7.21	ng/uL	95
4) Benzaldehyde	6.93	77	67409	15.72	ng/ul	99
6) Phenol	7.00	94	159437	23.43	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.21	93	114303	22.23	ng/ul	98
10) 2-Chlorophenol	7.36	128	119190	21.55	ng/ul	98
11) 2-Methylphenol	8.25	108	124646	24.16	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.32	45	145050	21.12	ng/ul	98
14) Acetophenone	8.61	105	198194	24.31	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.59	70	99263	23.06	ng/ul	98
16) 4-Methylphenol	8.57	108	139583	24.92	ng/ul	95
17) Hexachloroethane	8.86	117	44239	19.99	ng/ul	92
20) Nitrobenzene	8.99	77	145686	19.01	ng/ul	98
21) Isophorone	9.51	82	293651	20.50	ng/ul	98
23) 2-Nitrophenol	9.70	139	74556	19.91	ng/ul#	88
24) 2,4-Dimethylphenol	9.77	107	153743	19.87	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.99	93	170607	20.22	ng/ul	99
27) 2,4-Dichlorophenol	10.24	162	131119	20.29	ng/ul	97
28) Naphthalene	10.63	128	407848	19.63	ng/ul	99
30) 4-Chloroaniline	10.75	127	177543	26.39	ng/ul	96
31) Hexachlorobutadiene	10.90	225	70212	16.25	ng/ul	99
32) Caprolactam	11.52	113	50969m	23.63	ng/ul	
33) 4-Chloro-3-methylphenol	11.89	107	157435	22.23	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	306527	20.16	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.62	216	156343	17.38	ng/ul	100
37) Hexachlorocyclopentadiene	12.59	237	36378	6.44	ng/ul	96
38) 2,4,6-Trichlorophenol	12.86	196	109521	18.69	ng/ul	98
39) 2,4,5-Trichlorophenol	12.95	196	121516	18.83	ng/ul	97
40) 1,1'-Biphenyl	13.26	154	410025	18.55	ng/ul	99
41) 2-Chloronaphthalene	13.30	162	318165	18.68	ng/ul	99
42) 2-Nitroaniline	13.52	65	106321	20.74	ng/ul	91
44) Dimethylphthalate	13.89	163	410657	19.34	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	87473	20.37	ng/ul	100
47) Acenaphthylene	14.15	152	542195	19.86	ng/ul	100
48) 3-Nitroaniline	14.34	138	98588	24.78	ng/ul	97
49) Acenaphthene	14.49	153	346799	19.27	ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	27986	11.65	ng/ul	94
52) 4-Nitrophenol	14.67	109	57999	14.20	ng/ul#	82
53) Dibenzofuran	14.83	168	500070	19.46	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	131723	21.02	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.06	232	87786	15.56	ng/ul	93
56) Diethylphthalate	15.25	149	430741	19.89	ng/ul	99
58) Fluorene	15.48	166	406487	19.76	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.47	204	194404	18.91	ng/ul	96
60) 4-Nitroaniline	15.50	138	106768	22.01	ng/ul#	86
63) 4,6-Dinitro-2-methylphenol	15.57	198	63544	16.63	ng/ul#	97
64) N-Nitrosodiphenylamine	15.69	169	361525	18.84	ng/ul	99
65) 4-Bromophenyl-phenylether	16.36	248	125418	17.80	ng/ul	100
66) Hexachlorobenzene	16.48	284	145568	18.13	ng/ul	97
67) Atrazine	16.64	200	137094	19.09	ng/ul	97
68) Pentachlorophenol	16.83	266	52877	10.97	ng/ul	98
69) Phenanthrene	17.22	178	673857	19.06	ng/ul	99
71) Anthracene	17.31	178	688987	19.12	ng/ul	99
72) Carbazole	17.58	167	653432	20.90	ng/ul	100
73) Di-n-butylphthalate	18.13	149	784914	20.69	ng/ul	99
74) Fluoranthene	19.23	202	800949	20.13	ng/ul#	96
77) Pyrene	19.60	202	816589	21.35	ng/ul	97
78) Butylbenzylphthalate	20.49	149	374663	23.24	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.27	252	247546	20.52	ng/ul#	99
80) Benzo(a)anthracene	21.34	228	766383	19.60	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.26	149	516182	22.68	ng/ul	99
82) Chrysene	21.40	228	721903	19.40	ng/ul	99
84) Di-n-octyl phthalate	22.15	149	912976	29.83	ng/ul	99
85) Benzo(b)fluoranthene	22.95	252	675500	21.46	ng/ul	99
86) Benzo(k)fluoranthene	23.00	252	621630	20.87	ng/ul	99
88) Benzo(a)pyrene	23.54	252	596705	19.55	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.96	276	585669	16.15	ng/ul	97
90) Dibenzo(a,h)anthracene	25.96	278	500360	16.57	ng/ul	98
91) Benzo(g,h,i)perylene	26.66	276	471406	15.46	ng/ul	97

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

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