Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM021516\
Data File : BM004280.D
Acq On : 16 Feb 2016 05:34
Operator : SJ/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02037

Manual Integrations APPROVED
UMANGI
2/16/2016 4:15:02 PM

Quant Time: Feb 16 06:49:09 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM021216.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 16 02:45:44 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	26467	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	117810	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	67027	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	140996	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	141668	20.00	ng/ul	0.01
86) Perylene-d12	23.50	264	139266	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.11	96	3951	7.52	ng/uL	0.00
5) Phenol-d5	6.85	99	42136m	19.82	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.99	67	21405	18.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	37057	19.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	35883	19.82	ng/ul	0.02
19) Nitrobenzene-d5	8.81	128	17764	19.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	20217	19.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	36337m	19.90	ng/ul	0.01
29) 4-Chloroaniline-d4	10.59	131	46410	21.35	ng/ul	0.01
44) Dimethylphthalate-d6	13.72	166	106476	19.09	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	133126	19.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	12074	13.38	ng/ul	0.03
58) Fluorene-d10	15.30	176	92296	19.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	12746	14.84	ng/ul	0.00
71) Anthracene-d10	17.16	188	135801	19.70	ng/ul	0.00
79) Pyrene-d10	19.47	212	139482	18.55	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.36	264	142782	19.21	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	4587	7.46	ng/uL#	91
4) Benzaldehyde	6.79	77	25963	21.19	ng/ul	95
6) Phenol	6.87	94	44332	19.58	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.08	93	33345	19.30	ng/ul	96
10) 2-Chlorophenol	7.22	128	38822	19.81	ng/ul	99
11) 2-Methylphenol	8.12	108	35241	19.75	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.18	45	30563	18.14	ng/ul	98
14) Acetophenone	8.47	105	57642	19.97	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	26108	18.76	ng/ul	97
16) 4-Methylphenol	8.45	108	38653	19.82	ng/ul	99
17) Hexachloroethane	8.71	117	14358	18.39	ng/ul	96
20) Nitrobenzene	8.85	77	39219	19.02	ng/ul	97
21) Isophorone	9.37	82	72040	18.25	ng/ul	98
23) 2-Nitrophenol	9.56	139	22799	20.04	ng/ul	95
24) 2,4-Dimethylphenol	9.64	107	44216	19.36	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.86	93	45688	18.77	ng/ul	99
27) 2,4-Dichlorophenol	10.10	162	37675	19.84	ng/ul	99
28) Naphthalene	10.49	128	127887	19.52	ng/ul	100
30) 4-Chloroaniline	10.61	127	48978	21.23	ng/ul	100
31) Hexachlorobutadiene	10.76	225	24455	19.12	ng/ul	98
32) Caprolactam	11.39	113	10174	18.54	ng/ul	86
33) 4-Chloro-3-methylphenol	11.77	107	40555	19.25	ng/ul	99
34) 2-Methylnaphthalene	12.11	142	91784	19.42	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.33	142	86391	19.33	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.49	216	46728	19.91	ng/ul	98
38) Hexachlorocyclopentadiene	12.46	237	14182	12.79	ng/ul	98
39) 2,4,6-Trichlorophenol	12.74	196	29482	19.87	ng/ul	99
40) 2,4,5-Trichlorophenol	12.82	196	31224	19.54	ng/ul	97
41) 1,1'-Biphenyl	13.13	154	117279	19.57	ng/ul	98
42) 2-Chloronaphthalene	13.17	162	89934	19.74	ng/ul	99
43) 2-Nitroaniline	13.40	65	21191	19.07	ng/ul	98
45) Dimethylphthalate	13.77	163	111796	19.19	ng/ul	100
46) 2,6-Dinitrotoluene	13.90	165	22381	19.47	ng/ul	98
48) Acenaphthylene	14.03	152	144358	19.51	ng/ul	99
49) 3-Nitroaniline	14.23	138	22677	20.81	ng/ul	99
50) Acenaphthene	14.37	153	96711	19.29	ng/ul	99
51) 2,4-Dinitrophenol	14.46	184	4970	8.95	ng/ul	92
53) 4-Nitrophenol	14.58	109	9626	13.34	ng/ul	99
54) Dibenzofuran	14.71	168	136144	19.65	ng/ul	97
55) 2,4-Dinitrotoluene	14.70	165	32248	19.52	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.95	232	21634	16.73	ng/ul	99
57) Diethylphthalate	15.14	149	111529	19.05	ng/ul	99
59) Fluorene	15.36	166	110332	19.76	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.36	204	54461	19.66	ng/ul	95
61) 4-Nitroaniline	15.40	138	22954	18.89	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.46	198	13925	14.89	ng/ul	100
65) N-Nitrosodiphenylamine	15.57	169	92481	19.44	ng/ul	99
66) 4-Bromophenyl-phenylether	16.25	248	32572	19.95	ng/ul	92
67) Hexachlorobenzene	16.37	284	36688	19.99	ng/ul	96
68) Atrazine	16.53	200	30040	18.30	ng/ul	98
69) Pentachlorophenol	16.73	266	5472	6.44	ng/ul	96
70) Phenanthrene	17.10	178	165999	19.47	ng/ul	99
72) Anthracene	17.19	178	168365	19.45	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.10	216	42820	19.53	ng/uL	99
74) Pentachlorobenzene	14.63	250	42864	19.90	ng/uL	99
75) Carbazole	17.47	167	145122	19.94	ng/ul	99
76) Di-n-butylphthalate	18.03	149	184737	19.60	ng/ul	99
77) Fluoranthene	19.13	202	180361	20.20	ng/ul	99
80) Pyrene	19.50	202	187463	18.30	ng/ul	98
81) Butylbenzylphthalate	20.40	149	80237	19.57	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.20	252	54365	19.02	ng/ul	97
83) Benzo(a)anthracene	21.26	228	176833	19.39	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	111978	18.66	ng/ul	99
85) Chrysene	21.31	228	166174	19.30	ng/ul	99
87) Di-n-octyl phthalate	22.06	149	197035	18.55	ng/ul	97
88) Benzo(b)fluoranthene	22.83	252	174262	18.91	ng/ul	99
89) Benzo(k)fluoranthene	22.88	252	168440	19.14	ng/ul	99
91) Benzo(a)pyrene	23.41	252	168597	19.25	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.76	276	192542	19.40	ng/ul	98
93) Dibenzo(a,h)anthracene	25.76	278	161622	19.40	ng/ul	100
94) Benzo(g,h,i)perylene	26.44	276	159242	19.00	ng/ul	97

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

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