Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022216\
Data File : BM004317.D
Acq On : 22 Feb 2016 18:43
Operator : SJ/UM
Sample : SSTDCCC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02048

Manual Integrations APPROVED
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2/23/2016 5:22:26 PM

Quant Time: Feb 23 00:12:20 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 22 18:51:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	24179	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	114141	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	72278	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	173361	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	207113	20.00	ng/ul	0.00
86) Perylene-d12	23.48	264	195630	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	3895	8.49	ng/uL	0.00
5) Phenol-d5	6.82	99	38924	19.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	20151	19.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	34124	19.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	34530	19.06	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	16890	19.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	19367	19.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	35249	19.70	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	36871	16.53	ng/ul	0.00
44) Dimethylphthalate-d6	13.70	166	121922	19.67	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	144581	19.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.53	143	18715	18.78	ng/ul	0.00
58) Fluorene-d10	15.29	176	103525	19.64	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	20228	18.99	ng/ul	0.00
71) Anthracene-d10	17.14	188	167467	19.71	ng/ul	0.00
79) Pyrene-d10	19.45	212	192015	19.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.34	264	203204	19.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	4226	7.99	ng/uL	96
4) Benzaldehyde	6.77	77	13505	12.31	ng/ul	93
6) Phenol	6.85	94	41839	19.35	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.06	93	31207	19.50	ng/ul	96
10) 2-Chlorophenol	7.19	128	35446	19.50	ng/ul	98
11) 2-Methylphenol	8.09	108	33971	19.27	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.16	45	29804	19.40	ng/ul	96
14) Acetophenone	8.45	105	56512	19.91	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.43	70	26483	19.41	ng/ul	96
16) 4-Methylphenol	8.42	108	37674	19.49	ng/ul	99
17) Hexachloroethane	8.69	117	13603	19.70	ng/ul	93
20) Nitrobenzene	8.83	77	37270	19.64	ng/ul	96
21) Isophorone	9.35	82	75809	19.27	ng/ul	99
23) 2-Nitrophenol	9.54	139	22078	19.82	ng/ul	91
24) 2,4-Dimethylphenol	9.61	107	43431	19.53	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.83	93	45863	19.34	ng/ul	99
27) 2,4-Dichlorophenol	10.08	162	37353	19.81	ng/ul	99
28) Naphthalene	10.46	128	124008	19.48	ng/ul	100
30) 4-Chloroaniline	10.59	127	39796	16.94	ng/ul	99
31) Hexachlorobutadiene	10.74	225	23221	19.63	ng/ul	99
32) Caprolactam	11.35	113	12533	19.09	ng/ul	91
33) 4-Chloro-3-methylphenol	11.73	107	43105	19.53	ng/ul	99
34) 2-Methylnaphthalene	12.09	142	92832	19.49	ng/ul	100

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35) 1-Methylnaphthalene	12.31	142	88164	19.47	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	47511	19.77	ng/ul	98
38) Hexachlorocyclopentadiene	12.43	237	14863	16.58	ng/ul	99
39) 2,4,6-Trichlorophenol	12.72	196	30317	19.41	ng/ul	99
40) 2,4,5-Trichlorophenol	12.80	196	33414	19.71	ng/ul	99
41) 1,1'-Biphenyl	13.11	154	122627	19.74	ng/ul	99
42) 2-Chloronaphthalene	13.15	162	92987	19.68	ng/ul	100
43) 2-Nitroaniline	13.37	65	23991	20.14	ng/ul	99
45) Dimethylphthalate	13.74	163	128420	19.87	ng/ul	99
46) 2,6-Dinitrotoluene	13.88	165	25777	19.88	ng/ul	96
48) Acenaphthylene	14.01	152	156787	19.86	ng/ul	100
49) 3-Nitroaniline	14.21	138	21315	16.57	ng/ul	98
50) Acenaphthene	14.35	153	106185	19.69	ng/ul	98
51) 2,4-Dinitrophenol	14.44	184	9374	15.94	ng/ul	94
53) 4-Nitrophenol	14.55	109	14260	19.14	ng/ul	90
54) Dibenzofuran	14.69	168	149386	19.84	ng/ul	97
55) 2,4-Dinitrotoluene	14.68	165	39921	20.62	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.93	232	27224	19.39	ng/ul	97
57) Diethylphthalate	15.12	149	132152	19.76	ng/ul	99
59) Fluorene	15.34	166	124125	19.89	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	60871	19.88	ng/ul	98
61) 4-Nitroaniline	15.38	138	23363m	16.85	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.44	198	21696	18.91	ng/ul	96
65) N-Nitrosodiphenylamine	15.56	169	108910	19.64	ng/ul	99
66) 4-Bromophenyl-phenylether	16.23	248	36765	19.47	ng/ul	93
67) Hexachlorobenzene	16.35	284	41160	19.61	ng/ul	97
68) Atrazine	16.51	200	41479	20.16	ng/ul	98
69) Pentachlorophenol	16.71	266	14357	17.33	ng/ul	98
70) Phenanthrene	17.09	178	205247	19.71	ng/ul	99
72) Anthracene	17.17	178	209760	19.83	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.08	216	44564	19.29	ng/uL	98
74) Pentachlorobenzene	14.62	250	45714	19.26	ng/uL	99
75) Carbazole	17.46	167	187232	20.31	ng/ul	100
76) Di-n-butylphthalate	18.01	149	241023	18.83	ng/ul	99
77) Fluoranthene	19.12	202	245940	20.85	ng/ul	99
80) Pyrene	19.48	202	258787	19.12	ng/ul	100
81) Butylbenzylphthalate	20.38	149	116966	19.64	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.17	252	71538	17.14	ng/ul	98
83) Benzo(a)anthracene	21.24	228	255732	19.19	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	173933	19.75	ng/ul	99
85) Chrysene	21.29	228	249384	19.46	ng/ul	99
87) Di-n-octyl phthalate	22.03	149	312455	19.41	ng/ul	97
88) Benzo(b)fluoranthene	22.81	252	255267	19.31	ng/ul	100
89) Benzo(k)fluoranthene	22.86	252	248109	19.92	ng/ul	99
91) Benzo(a)pyrene	23.39	252	243600	19.83	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.72	276	233209	20.30	ng/ul	100
93) Dibenzo(a,h)anthracene	25.72	278	191223	20.17	ng/ul	99
94) Benzo(g,h,i)perylene	26.40	276	189740	20.08	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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