Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042816\
Data File : BM005117.D
Acq On : 28 Apr 2016 17:14
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02050

Manual Integrations APPROVED
sohil
4/29/2016 10:36:33 AM

Quant Time: Apr 29 03:55:53 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 29 02:20:37 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	41483	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	195500	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	124983	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	291654	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	293688	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	244373	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	7189	8.81	ng/uL	0.00
5) Phenol-d5	6.96	99	72908	21.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	42721	21.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	57131	21.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	61039	20.98	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	29004	21.42	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	33228	22.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	61150	21.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	83772	24.91	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	205457	20.81	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	243879	20.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	36253	21.01	ng/ul	0.00
57) Fluorene-d10	15.43	176	176236	20.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	32027	19.31	ng/ul	0.00
70) Anthracene-d10	17.27	188	275382	21.06	ng/ul	0.00
76) Pyrene-d10	19.57	212	297720	22.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	227385	20.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	12789	8.44	ng/uL	96
4) Benzaldehyde	6.93	77	44492	26.11	ng/ul	99
6) Phenol	6.99	94	76330	21.34	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.22	93	58932	21.49	ng/ul	100
10) 2-Chlorophenol	7.36	128	58369	20.92	ng/ul	98
11) 2-Methylphenol	8.23	108	58772	21.05	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.32	45	76396	21.54	ng/ul	99
14) Acetophenone	8.61	105	96738	22.09	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.59	70	49438	22.54	ng/ul	98
16) 4-Methylphenol	8.56	108	66109	21.28	ng/ul	98
17) Hexachloroethane	8.86	117	23203	20.89	ng/ul	91
20) Nitrobenzene	8.99	77	70244	21.08	ng/ul	97
21) Isophorone	9.51	82	140747	22.24	ng/ul	99
23) 2-Nitrophenol	9.70	139	35620	21.69	ng/ul	95
24) 2,4-Dimethylphenol	9.76	107	73679	20.84	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.99	93	85550	21.76	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	62527	21.20	ng/ul	98
28) Naphthalene	10.63	128	201841	20.47	ng/ul	100
30) 4-Chloroaniline	10.74	127	83643	24.42	ng/ul	99
31) Hexachlorobutadiene	10.91	225	37515	19.27	ng/ul	97
32) Caprolactam	11.50	113	21449m	21.03	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	73654	21.84	ng/ul	99
34) 2-Methylnaphthalene	12.24	142	151616	20.77	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	77972	19.97	ng/ul	99
37) Hexachlorocyclopentadiene	12.59	237	40274	17.38	ng/ul	96
38) 2,4,6-Trichlorophenol	12.86	196	53043	21.36	ng/ul	99
39) 2,4,5-Trichlorophenol	12.93	196	59306	21.32	ng/ul	98
40) 1,1'-Biphenyl	13.26	154	204969	20.73	ng/ul	98
41) 2-Chloronaphthalene	13.30	162	155000	20.61	ng/ul	99
42) 2-Nitroaniline	13.51	65	46852	22.97	ng/ul	98
44) Dimethylphthalate	13.89	163	205772	20.79	ng/ul	99
45) 2,6-Dinitrotoluene	14.01	165	41911	21.92	ng/ul	94
47) Acenaphthylene	14.15	152	260351	20.93	ng/ul	100
48) 3-Nitroaniline	14.34	138	44873	23.07	ng/ul	100
49) Acenaphthene	14.49	153	169738	20.74	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	17923	16.06	ng/ul	97
52) 4-Nitrophenol	14.65	109	30029	19.46	ng/ul	95
53) Dibenzofuran	14.83	168	246296	20.41	ng/ul	99
54) 2,4-Dinitrotoluene	14.80	165	61562	21.19	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.06	232	50431	20.88	ng/ul	98
56) Diethylphthalate	15.25	149	208998	20.92	ng/ul	99
58) Fluorene	15.48	166	196004	20.92	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.47	204	97026	20.53	ng/ul	98
60) 4-Nitroaniline	15.51	138	45801	21.84	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.56	198	33705	19.29	ng/ul	98
64) N-Nitrosodiphenylamine	15.69	169	174877	21.81	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	60280	21.18	ng/ul	99
66) Hexachlorobenzene	16.49	284	65861	20.31	ng/ul	99
67) Atrazine	16.64	200	65436	22.15	ng/ul	99
68) Pentachlorophenol	16.83	266	37576	20.09	ng/ul	99
69) Phenanthrene	17.22	178	321295	20.70	ng/ul	99
71) Anthracene	17.31	178	328963	21.02	ng/ul	99
72) Carbazole	17.59	167	296818	22.12	ng/ul	99
73) Di-n-butylphthalate	18.14	149	356364	22.68	ng/ul	99
74) Fluoranthene	19.24	202	371383	21.74	ng/ul	100
77) Pyrene	19.60	202	380141	22.41	ng/ul	99
78) Butylbenzylphthalate	20.50	149	153975	23.60	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.29	252	109729	20.89	ng/ul	100
80) Benzo(a)anthracene	21.36	228	348754	20.75	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	207400	22.63	ng/ul	99
82) Chrysene	21.41	228	333755	20.75	ng/ul	100
84) Di-n-octyl phthalate	22.17	149	332273	21.87	ng/ul	100
85) Benzo(b)fluoranthene	22.96	252	307504	20.89	ng/ul	99
86) Benzo(k)fluoranthene	23.01	252	296820	20.74	ng/ul	100
88) Benzo(a)pyrene	23.55	252	285148	20.75	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.96	276	281019	21.43	ng/ul	99
90) Dibenzo(a,h)anthracene	25.97	278	236419	21.58	ng/ul	99
91) Benzo(g,h,i)perylene	26.67	276	231320	21.56	ng/ul	99

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

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