Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM052316\
Data File : BM005641.D
Acq On : 24 May 2016 11:59
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02034

Quant Time: May 24 14:44:36 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM052016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 24 06:55:29 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	160640	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	664964	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.45	164	346507	20.00	ng/ul	0.01
61) Phenanthrene-d10	17.20	188	738146	20.00	ng/ul	0.01
75) Chrysene-d12	21.38	240	694546	20.00	ng/ul	0.02
83) Perylene-d12	23.67	264	705694	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	27472	7.49	ng/uL	0.00
5) Phenol-d5	7.00	99	262086	19.90	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.14	67	151492	19.85	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	221234	20.14	ng/ul	0.01
13) 4-Methylphenol-d8	8.53	113	204916	18.99	ng/ul	0.02
19) Nitrobenzene-d5	8.97	128	102672	20.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	107596	19.23	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.24	165	200917	19.06	ng/ul	0.02
29) 4-Chloroaniline-d4	10.75	131	261325	24.76	ng/ul	0.01
43) Dimethylphthalate-d6	13.86	166	530279	18.75	ng/ul	0.01
46) Acenaphthylene-d8	14.14	160	703282	19.89	ng/ul	0.01
51) 4-Nitrophenol-d4	14.69	143	85193	15.92	ng/ul	0.03
57) Fluorene-d10	15.44	176	469011	19.06	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.59	200	22605	5.32	ng/ul	0.03
70) Anthracene-d10	17.30	188	698922	19.88	ng/ul	0.02
76) Pyrene-d10	19.59	212	705948	22.44	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.52	264	644976	19.57	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	48018	7.42	ng/uL	94
4) Benzaldehyde	6.96	77	119428	13.97	ng/ul	99
6) Phenol	7.03	94	271051	19.98	ng/ul	91
8) Bis(2-Chloroethyl)ether	7.23	93	205599	20.06	ng/ul	95
10) 2-Chlorophenol	7.38	128	219392	19.90	ng/ul	97
11) 2-Methylphenol	8.27	108	201834	19.63	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.35	45	255977	18.71	ng/ul	98
14) Acetophenone	8.63	105	319391	19.66	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.62	70	156852	18.28	ng/ul	95
16) 4-Methylphenol	8.60	108	216161	19.36	ng/ul	96
17) Hexachloroethane	8.88	117	78148	17.72	ng/ul	96
20) Nitrobenzene	9.02	77	236583	19.21	ng/ul	97
21) Isophorone	9.53	82	431202	18.72	ng/ul	99
23) 2-Nitrophenol	9.72	139	114927	19.09	ng/ul#	88
24) 2,4-Dimethylphenol	9.79	107	232868	18.72	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.02	93	260581	19.21	ng/ul	99
27) 2,4-Dichlorophenol	10.27	162	197921	19.05	ng/ul	98
28) Naphthalene	10.66	128	653555	19.56	ng/ul	100
30) 4-Chloroaniline	10.77	127	264008	24.41	ng/ul	99
31) Hexachlorobutadiene	10.93	225	129322	18.62	ng/ul	98
32) Caprolactam	11.54	113	61950	17.86	ng/ul	99
33) 4-Chloro-3-methylphenol	11.91	107	206557	18.14	ng/ul	97
34) 2-Methylnaphthalene	12.27	142	459197	18.79	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.64	216	238188	20.12 ng/ul	100
37) Hexachlorocyclopentadiene	12.61	237	14366	1.93 ng/ul	99
38) 2,4,6-Trichlorophenol	12.89	196	150705	19.53 ng/ul	98
39) 2,4,5-Trichlorophenol	12.97	196	160085	18.84 ng/ul	97
40) 1,1'-Biphenyl	13.28	154	578225	19.88 ng/ul	99
41) 2-Chloronaphthalene	13.33	162	448449	20.01 ng/ul	99
42) 2-Nitroaniline	13.53	65	131909	19.55 ng/ul	93
44) Dimethylphthalate	13.90	163	527861	18.89 ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	108468	19.19 ng/ul	98
47) Acenaphthylene	14.17	152	719850	20.04 ng/ul	100
48) 3-Nitroaniline	14.36	138	128653	24.57 ng/ul	97
49) Acenaphthene	14.52	153	465637	19.65 ng/ul	99
50) 2,4-Dinitrophenol	14.59	184	6998	2.21 ng/ul#	82
52) 4-Nitrophenol	14.70	109	69310	12.89 ng/ul#	84
53) Dibenzofuran	14.85	168	655008	19.36 ng/ul	99
54) 2,4-Dinitrotoluene	14.83	165	150715	18.28 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.09	232	108187	14.57 ng/ul	94
56) Diethylphthalate	15.27	149	532064	18.67 ng/ul	98
58) Fluorene	15.50	166	517294	19.11 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.49	204	253683	18.75 ng/ul	95
60) 4-Nitroaniline	15.52	138	132595	20.77 ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.60	198	23913	5.36 ng/ul#	99
64) N-Nitrosodiphenylamine	15.71	169	453493	20.25 ng/ul	98
65) 4-Bromophenyl-phenylether	16.39	248	160053	19.47 ng/ul	98
66) Hexachlorobenzene	16.51	284	177775	18.98 ng/ul	97
67) Atrazine	16.66	200	160776	19.18 ng/ul	99
68) Pentachlorophenol	16.86	266	34010	6.05 ng/ul	95
69) Phenanthrene	17.24	178	804772	19.51 ng/ul	99
71) Anthracene	17.33	178	820398	19.51 ng/ul	99
72) Carbazole	17.60	167	748817	20.52 ng/ul	99
73) Di-n-butylphthalate	18.16	149	914260	20.65 ng/ul	99
74) Fluoranthene	19.26	202	888485	19.13 ng/ul	98
77) Pyrene	19.62	202	898482	22.50 ng/ul	98
78) Butylbenzylphthalate	20.50	149	393168	23.36 ng/ul	99
79) 3,3'-Dichlorobenzidine	21.29	252	260061	20.65 ng/ul	98
80) Benzo(a)anthracene	21.36	228	809112	19.82 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.28	149	531145	22.35 ng/ul	99
82) Chrysene	21.42	228	757835	19.51 ng/ul	99
84) Di-n-octyl phthalate	22.17	149	923719	22.82 ng/ul#	98
85) Benzo(b)fluoranthene	22.98	252	804760	19.33 ng/ul	98
86) Benzo(k)fluoranthene	23.02	252	800486	20.32 ng/ul	98
88) Benzo(a)pyrene	23.57	252	794731	19.68 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.00	276	929123	19.37 ng/ul	97
90) Dibenzo(a,h)anthracene	26.00	278	777457	19.46 ng/ul	98
91) Benzo(g,h,i)perylene	26.71	276	777812	19.29 ng/ul	98

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

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