Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120116\
Data File : BM008129.D
Acq On : 01 Dec 2016 09:27
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02044

Manual Integrations APPROVED
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12/2/2016 4:18:35 PM

Quant Time: Dec 02 02:30:48 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM112916.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 01 02:52:19 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	161568	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	653345	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	426826	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	798575	20.00	ng/ul	0.00
75) Chrysene-d12	21.28	240	840901	20.00	ng/ul	0.00
83) Perylene-d12	23.52	264	800716	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	25353	7.76	ng/uL	0.00
5) Phenol-d5	6.88	99	237633	19.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	141113	20.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	184307	19.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	189226	20.21	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	90843	19.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	98613	18.48	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	191566	19.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	197475	20.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	548415	19.93	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	671868	19.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	69797	16.42	ng/ul	0.00
57) Fluorene-d10	15.33	176	472247	19.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	83666	17.65	ng/ul	0.00
70) Anthracene-d10	17.19	188	682250	19.86	ng/ul	0.00
76) Pyrene-d10	19.49	212	710708	20.88	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	659182	19.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	29659	7.90	ng/uL	96
4) Benzaldehyde	6.86	77	178184	20.44	ng/ul	98
6) Phenol	6.90	94	248431	20.09	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.13	93	191058	20.36	ng/ul	99
10) 2-Chlorophenol	7.26	128	188596	19.76	ng/ul	97
11) 2-Methylphenol	8.14	108	179934	19.62	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.23	45	221438	21.23	ng/ul	97
14) Acetophenone	8.52	105	305264	20.39	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.50	70	163444	20.80	ng/ul	96
16) 4-Methylphenol	8.47	108	197633	20.00	ng/ul	95
17) Hexachloroethane	8.76	117	83842	19.69	ng/ul	93
20) Nitrobenzene	8.90	77	241159	20.68	ng/ul	98
21) Isophorone	9.42	82	433566	20.17	ng/ul	99
23) 2-Nitrophenol	9.60	139	107262	19.71	ng/ul	98
24) 2,4-Dimethylphenol	9.66	107	234905	20.11	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.89	93	251568	20.17	ng/ul	95
27) 2,4-Dichlorophenol	10.13	162	188002	19.78	ng/ul	98
28) Naphthalene	10.52	128	596099	19.64	ng/ul	99
30) 4-Chloroaniline	10.65	127	199951	20.51	ng/ul	95
31) Hexachlorobutadiene	10.79	225	150661	19.99	ng/ul	95
32) Caprolactam	11.45	113	51375m	17.81	ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	206644	20.23	ng/ul	99
34) 2-Methylnaphthalene	12.14	142	435290	20.04	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	266980	20.14 ng/ul	97
37) Hexachlorocyclopentadiene	12.48	237	98677	15.04 ng/ul	100
38) 2,4,6-Trichlorophenol	12.76	196	153418	19.30 ng/ul	98
39) 2,4,5-Trichlorophenol	12.85	196	156422	18.58 ng/ul	98
40) 1,1'-Biphenyl	13.16	154	575234	20.00 ng/ul	99
41) 2-Chloronaphthalene	13.20	162	440381	20.03 ng/ul	98
42) 2-Nitroaniline	13.43	65	124234	19.79 ng/ul	97
44) Dimethylphthalate	13.80	163	537623	19.93 ng/ul	99
45) 2,6-Dinitrotoluene	13.93	165	107013	20.01 ng/ul	98
47) Acenaphthylene	14.06	152	682834	20.02 ng/ul	99
48) 3-Nitroaniline	14.26	138	95485	19.03 ng/ul	96
49) Acenaphthene	14.40	153	465731	19.99 ng/ul	97
50) 2,4-Dinitrophenol	14.49	184	48066	14.23 ng/ul	97
52) 4-Nitrophenol	14.58	109	67498	16.89 ng/ul	97
53) Dibenzofuran	14.73	168	666671	20.11 ng/ul	97
54) 2,4-Dinitrotoluene	14.73	165	151304	19.85 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.97	232	148686	19.66 ng/ul	96
56) Diethylphthalate	15.16	149	522487	18.09 ng/ul	97
58) Fluorene	15.39	166	536966	19.96 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.38	204	290999	20.43 ng/ul	94
60) 4-Nitroaniline	15.43	138	82586	16.42 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.49	198	86818	17.80 ng/ul	98
64) N-Nitrosodiphenylamine	15.60	169	456413	20.48 ng/ul	99
65) 4-Bromophenyl-phenylether	16.27	248	179483	20.17 ng/ul	98
66) Hexachlorobenzene	16.39	284	196520	20.07 ng/ul	98
67) Atrazine	16.56	200	166556	19.07 ng/ul	95
68) Pentachlorophenol	16.74	266	98259	17.34 ng/ul	98
69) Phenanthrene	17.13	178	803930	20.13 ng/ul	99
71) Anthracene	17.22	178	819353	20.11 ng/ul	99
72) Carbazole	17.50	167	673164	19.02 ng/ul	99
73) Di-n-butylphthalate	18.05	149	769975	18.35 ng/ul	100
74) Fluoranthene	19.15	202	876962	18.91 ng/ul	99
77) Pyrene	19.52	202	895515	20.70 ng/ul	98
78) Butylbenzylphthalate	20.42	149	317332	19.04 ng/ul	95
79) 3,3'-Dichlorobenzidine	21.20	252	291709	19.65 ng/ul	99
80) Benzo(a)anthracene	21.26	228	865666	19.95 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.19	149	456002	18.16 ng/ul	99
82) Chrysene	21.32	228	823454	20.09 ng/ul	100
84) Di-n-octyl phthalate	22.06	149	778727	18.89 ng/ul	99
85) Benzo(b)fluoranthene	22.84	252	847932	19.77 ng/ul	99
86) Benzo(k)fluoranthene	22.89	252	831933	20.58 ng/ul	99
88) Benzo(a)pyrene	23.42	252	823087	19.98 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.77	276	1006254	20.03 ng/ul	98
90) Dibenzo(a,h)anthracene	25.77	278	846715	19.98 ng/ul	98
91) Benzo(g,h,i)perylene	26.46	276	827707	19.81 ng/ul	98

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

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