Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121716\
Data File : BM008386.D
Acq On : 16 Dec 2016 22:50
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02060

Manual Integrations APPROVED
umangi
12/20/2016 10:43:10 AM

Quant Time: Dec 17 03:19:42 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 17 02:12:55 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	118690	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	460259	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.30	164	302871	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.06	188	619970	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	796854	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	808846	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	21505	8.53	ng/uL	0.00
5) Phenol-d5	6.85	99	187375	20.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.01	67	108405	20.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	147843	21.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	144754	20.30	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	71497	21.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	78757	21.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	148786	22.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	171032	22.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.72	166	430425	21.38	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	523092	21.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	48358	16.30	ng/ul	0.00
57) Fluorene-d10	15.30	176	375354	21.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	67840	18.38	ng/ul	0.00
70) Anthracene-d10	17.16	188	587935	21.77	ng/ul	0.00
76) Pyrene-d10	19.46	212	683558	22.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	745616	21.95	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	23678	8.03	ng/uL	96
4) Benzaldehyde	6.83	77	136400	22.38	ng/ul	91
6) Phenol	6.88	94	196374	20.54	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.10	93	148890	20.86	ng/ul	94
10) 2-Chlorophenol	7.23	128	148191	21.18	ng/ul	99
11) 2-Methylphenol	8.11	108	141782	20.26	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.19	45	171103	21.08	ng/ul	98
14) Acetophenone	8.49	105	237385	20.36	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.47	70	123700	20.64	ng/ul	99
16) 4-Methylphenol	8.45	108	155580	20.50	ng/ul	99
17) Hexachloroethane	8.72	117	66869	20.96	ng/ul	96
20) Nitrobenzene	8.87	77	182911	21.33	ng/ul	99
21) Isophorone	9.38	82	332867	21.59	ng/ul	98
23) 2-Nitrophenol	9.57	139	82856	21.98	ng/ul	91
24) 2,4-Dimethylphenol	9.63	107	182248	21.64	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.86	93	187525	21.42	ng/ul	97
27) 2,4-Dichlorophenol	10.10	162	147507	21.67	ng/ul	98
28) Naphthalene	10.49	128	467391	21.45	ng/ul	99
30) 4-Chloroaniline	10.62	127	173678	22.26	ng/ul	98
31) Hexachlorobutadiene	10.76	225	118299	21.38	ng/ul	96
32) Caprolactam	11.42	113	43420m	20.33	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	157844	21.43	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	335308	21.30	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.48	216	208622	22.00	ng/ul	99
37) Hexachlorocyclopentadiene	12.45	237	71769	18.74	ng/ul	98
38) 2,4,6-Trichlorophenol	12.74	196	118541	22.02	ng/ul	94
39) 2,4,5-Trichlorophenol	12.82	196	129024	21.97	ng/ul	97
40) 1,1'-Biphenyl	13.13	154	439343	21.74	ng/ul	98
41) 2-Chloronaphthalene	13.17	162	339452	21.91	ng/ul	98
42) 2-Nitroaniline	13.40	65	101648	22.18	ng/ul	96
44) Dimethylphthalate	13.77	163	422533	21.41	ng/ul	99
45) 2,6-Dinitrotoluene	13.90	165	84348	21.94	ng/ul	99
47) Acenaphthylene	14.02	152	529087	21.85	ng/ul	99
48) 3-Nitroaniline	14.24	138	81165	21.19	ng/ul	99
49) Acenaphthene	14.37	153	364184	21.88	ng/ul	99
50) 2,4-Dinitrophenol	14.48	184	47527	21.32	ng/ul	94
52) 4-Nitrophenol	14.57	109	47976	16.86	ng/ul	99
53) Dibenzofuran	14.70	168	525300	21.66	ng/ul	98
54) 2,4-Dinitrotoluene	14.71	165	125003	21.71	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	14.94	232	118738	21.90	ng/ul#	96
56) Diethylphthalate	15.13	149	414914	21.14	ng/ul	99
58) Fluorene	15.36	166	429694	21.57	ng/ul	98
59) 4-Chlorophenyl-phenylether	15.35	204	230659	21.78	ng/ul	97
60) 4-Nitroaniline	15.42	138	78867	21.40	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.47	198	68771	18.18	ng/ul	97
64) N-Nitrosodiphenylamine	15.57	169	367873	21.80	ng/ul	95
65) 4-Bromophenyl-phenylether	16.25	248	149032	21.90	ng/ul	96
66) Hexachlorobenzene	16.36	284	164066	21.27	ng/ul	98
67) Atrazine	16.53	200	141570	20.47	ng/ul	98
68) Pentachlorophenol	16.72	266	84239	20.19	ng/ul	96
69) Phenanthrene	17.10	178	681755	21.46	ng/ul	99
71) Anthracene	17.19	178	703430	21.81	ng/ul	99
72) Carbazole	17.47	167	599627	21.11	ng/ul	100
73) Di-n-butylphthalate	18.02	149	682601	21.49	ng/ul	99
74) Fluoranthene	19.13	202	829250	21.25	ng/ul	100
77) Pyrene	19.49	202	864672	22.10	ng/ul	99
78) Butylbenzylphthalate	20.39	149	317584	22.63	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.18	252	299196	21.42	ng/ul	95
80) Benzo(a)anthracene	21.24	228	899775	21.85	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.16	149	460320	22.40	ng/ul	99
82) Chrysene	21.29	228	860404	21.72	ng/ul	98
84) Di-n-octyl phthalate	22.03	149	826403	21.29	ng/ul	100
85) Benzo(b)fluoranthene	22.81	252	940791	21.55	ng/ul	99
86) Benzo(k)fluoranthene	22.86	252	913853	21.87	ng/ul	99
88) Benzo(a)pyrene	23.39	252	910015	21.63	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.71	276	1103413	21.60	ng/ul	99
90) Dibenzo(a,h)anthracene	25.73	278	926741	21.61	ng/ul	98
91) Benzo(g,h,i)perylene	26.40	276	918888	21.51	ng/ul	98

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

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