Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071117\
Data File : BM010788.D
Acq On : 11 Jul 2017 11:07
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02012

Quant Time: Jul 12 01:41:33 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 04 03:38:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	28416	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.22	136	129167	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.10	164	103124	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.86	188	309088	20.00	ng/ul	-0.01
75) Chrysene-d12	21.07	240	429390	20.00	ng/ul	0.00
83) Perylene-d12	23.21	264	378241	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	4287	8.64	ng/uL	0.00
5) Phenol-d5	6.64	99	48722	18.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	29433	19.05	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	36861	19.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	40754	18.16	ng/ul	-0.01
19) Nitrobenzene-d5	8.59	128	17944	19.48	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.31	143	21415	20.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	45477	20.35	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	54221	23.02	ng/ul	-0.01
43) Dimethylphthalate-d6	13.53	166	167789	18.53	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	203269	19.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	29336	18.41	ng/ul	-0.01
57) Fluorene-d10	15.10	176	172610	22.06	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.23	200	34489	18.17	ng/ul	0.00
70) Anthracene-d10	16.96	188	302603	20.27	ng/ul	0.00
76) Pyrene-d10	19.27	212	392237	19.66	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.07	264	363733	19.90	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.10	88	4505	8.132	ng/uL#	39
4) Benzaldehyde	6.61	77	36724	23.051	ng/ul	96
6) Phenol	6.67	94	52176	18.714	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.90	93	36345	17.906	ng/ul	94
10) 2-Chlorophenol	7.02	128	36158	19.049	ng/ul	98
11) 2-Methylphenol	7.90	108	38863	18.288	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.99	45	24920	17.587	ng/ul#	79
14) Acetophenone	8.27	105	68692	18.745	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.26	70	36739	18.605	ng/ul#	92
16) 4-Methylphenol	8.22	108	44875	19.193	ng/ul	91
17) Hexachloroethane	8.52	117	19140	22.676	ng/ul#	65
20) Nitrobenzene	8.64	77	59857	22.261	ng/ul	96
21) Isophorone	9.16	82	96434	18.044	ng/ul	99
23) 2-Nitrophenol	9.35	139	22549	20.024	ng/ul#	89
24) 2,4-Dimethylphenol	9.41	107	56797	19.830	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.65	93	54226	18.297	ng/ul	92
27) 2,4-Dichlorophenol	9.87	162	42846	19.693	ng/ul#	78
28) Naphthalene	10.26	128	131538	20.464	ng/ul	98
30) 4-Chloroaniline	10.38	127	55090	23.259	ng/ul	92
31) Hexachlorobutadiene	10.56	225	39911	24.324	ng/ul	88
32) Caprolactam	11.15	113	12354m	16.180	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	54889	19.780	ng/ul	89
34) 2-Methylnaphthalene	11.89	142	108604	21.018	ng/ul	94

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36) 1,2,4,5-Tetrachlorobenzene	12.27	216	72194	19.836 ng/ul#	96
37) Hexachlorocyclopentadiene	12.25	237	30791	14.717 ng/ul	96
38) 2,4,6-Trichlorophenol	12.52	196	47179	18.982 ng/ul	99
39) 2,4,5-Trichlorophenol	12.58	196	47607	18.551 ng/ul	96
40) 1,1'-Biphenyl	12.93	154	151817	18.831 ng/ul#	96
41) 2-Chloronaphthalene	12.96	162	123684	19.496 ng/ul	96
42) 2-Nitroaniline	13.18	65	41396	22.305 ng/ul	94
44) Dimethylphthalate	13.57	163	164557	18.544 ng/ul	99
45) 2,6-Dinitrotoluene	13.69	165	30667	19.952 ng/ul#	62
47) Acenaphthylene	13.82	152	194920	19.435 ng/ul	100
48) 3-Nitroaniline	14.02	138	32252	20.805 ng/ul	91
49) Acenaphthene	14.17	153	130787	19.332 ng/ul	99
50) 2,4-Dinitrophenol	14.23	184	21431	19.252 ng/ul#	80
52) 4-Nitrophenol	14.33	109	51284	25.372 ng/ul#	67
53) Dibenzofuran	14.51	168	217722	21.250 ng/ul	96
54) 2,4-Dinitrotoluene	14.48	165	50546	21.197 ng/ul#	90
55) 2,3,4,6-Tetrachlorophenol	14.74	232	54541	21.007 ng/ul#	92
56) Diethylphthalate	14.96	149	184438	19.755 ng/ul	94
58) Fluorene	15.16	166	180496	21.041 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.16	204	103498	22.200 ng/ul	90
60) 4-Nitroaniline	15.19	138	37071	20.247 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.25	198	36464	18.026 ng/ul#	90
64) N-Nitrosodiphenylamine	15.38	169	161343	18.822 ng/ul	99
65) 4-Bromophenyl-phenylether	16.06	248	69483	19.634 ng/ul#	87
66) Hexachlorobenzene	16.17	284	71206	19.105 ng/ul#	84
67) Atrazine	16.35	200	68660	19.013 ng/ul#	89
68) Pentachlorophenol	16.51	266	47829	18.202 ng/ul	90
69) Phenanthrene	16.90	178	327830	19.950 ng/ul	96
71) Anthracene	16.99	178	333900	19.723 ng/ul	98
72) Carbazole	17.27	167	298577	20.215 ng/ul	98
73) Di-n-butylphthalate	17.85	149	349754	18.623 ng/ul	97
74) Fluoranthene	18.93	202	463567	21.890 ng/ul	97
77) Pyrene	19.30	202	493379	19.893 ng/ul#	98
78) Butylbenzylphthalate	20.23	149	182620	19.586 ng/ul	95
79) 3,3'-Dichlorobenzidine	21.00	252	150896	17.567 ng/ul	96
80) Benzo(a)anthracene	21.06	228	511704	20.464 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.02	149	259084	18.213 ng/ul#	98
82) Chrysene	21.11	228	459190	20.597 ng/ul	99
84) Di-n-octyl phthalate	21.87	149	460096	17.408 ng/ul#	94
85) Benzo(b)fluoranthene	22.57	252	494228	20.129 ng/ul	97
86) Benzo(k)fluoranthene	22.62	252	459954	19.760 ng/ul	99
88) Benzo(a)pyrene	23.12	252	451974	19.995 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.32	276	493591	21.054 ng/ul	97
90) Dibenzo(a,h)anthracene	25.33	278	400950	20.522 ng/ul	99
91) Benzo(g,h,i)perylene	25.96	276	407601	21.841 ng/ul	97

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

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