Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM060117\
Data File : BM010347.D
Acq On : 01 Jun 2017 10:13
Operator : SJ/MA
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02012

Quant Time: Jun 02 00:56:00 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 01 01:28:02 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	301337	20.00	ng/ul	0.00
18) Naphthalene-d8	10.73	136	1183242	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.56	164	757968	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.30	188	1714870	20.00	ng/ul	0.00
75) Chrysene-d12	21.46	240	2015744	20.00	ng/ul	0.00
83) Perylene-d12	23.81	264	1915286	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.38	96	58470	7.96	ng/uL	0.00
5) Phenol-d5	7.10	99	446960	19.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.26	67	255793	19.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.46	132	383858	21.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	383011	20.79	ng/ul	0.00
19) Nitrobenzene-d5	9.11	128	180462	20.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.82	143	215405	21.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.35	165	438417	21.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	458806	23.06	ng/ul	0.00
43) Dimethylphthalate-d6	13.97	166	1322569	21.00	ng/ul	0.00
46) Acenaphthylene-d8	14.26	160	1516032	20.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.80	143	171079	18.16	ng/ul	0.00
57) Fluorene-d10	15.54	176	1142120	20.63	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.67	200	232149	19.11	ng/ul	0.00
70) Anthracene-d10	17.40	188	1696880	20.34	ng/ul	0.00
76) Pyrene-d10	19.69	212	1881754	22.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.66	264	1866233	20.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	60292	7.702	ng/uL#	55
4) Benzaldehyde	7.08	77	337322	21.968	ng/ul	95
6) Phenol	7.13	94	468474	20.011	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.36	93	327015	20.129	ng/ul	91
10) 2-Chlorophenol	7.49	128	381722	20.899	ng/ul	95
11) 2-Methylphenol	8.37	108	364583	21.335	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.45	45	139477	19.037	ng/ul#	60
14) Acetophenone	8.76	105	607738	20.214	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.73	70	328160	21.837	ng/ul#	85
16) 4-Methylphenol	8.71	108	385007	20.541	ng/ul	83
17) Hexachloroethane	8.99	117	174429	21.030	ng/ul	82
20) Nitrobenzene	9.15	77	525574	21.234	ng/ul	98
21) Isophorone	9.65	82	816812	21.444	ng/ul	97
23) 2-Nitrophenol	9.85	139	228013	21.418	ng/ul	89
24) 2,4-Dimethylphenol	9.90	107	525223	21.221	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.14	93	436315	20.382	ng/ul	95
27) 2,4-Dichlorophenol	10.38	162	427846	21.172	ng/ul	89
28) Naphthalene	10.77	128	1197639	20.180	ng/ul	97
30) 4-Chloroaniline	10.92	127	435274	22.663	ng/ul	95
31) Hexachlorobutadiene	11.02	225	387776	20.946	ng/ul	92
32) Caprolactam	11.72	113	94393	18.666	ng/ul#	78
33) 4-Chloro-3-methylphenol	12.03	107	426615	21.932	ng/ul	98
34) 2-Methylnaphthalene	12.37	142	940980	20.912	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.73	216	661911	20.993 ng/ul	97
37) Hexachlorocyclopentadiene	12.69	237	358005	16.932 ng/ul#	98
38) 2,4,6-Trichlorophenol	12.99	196	379984	21.202 ng/ul	96
39) 2,4,5-Trichlorophenol	13.06	196	391710	21.668 ng/ul	96
40) 1,1'-Biphenyl	13.39	154	1274886	20.734 ng/ul	100
41) 2-Chloronaphthalene	13.43	162	982946	20.348 ng/ul	95
42) 2-Nitroaniline	13.67	65	260997	21.214 ng/ul	90
44) Dimethylphthalate	14.02	163	1275645	20.597 ng/ul	99
45) 2,6-Dinitrotoluene	14.15	165	247248	21.780 ng/ul#	83
47) Acenaphthylene	14.29	152	1503912	20.948 ng/ul	99
48) 3-Nitroaniline	14.50	138	204877	18.732 ng/ul	93
49) Acenaphthene	14.62	153	1036086	20.577 ng/ul	99
50) 2,4-Dinitrophenol	14.69	184	155615	18.139 ng/ul	88
52) 4-Nitrophenol	14.81	109	255016	19.749 ng/ul	85
53) Dibenzofuran	14.96	168	1523135	20.458 ng/ul	93
54) 2,4-Dinitrotoluene	14.93	165	349982	20.994 ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.18	232	364068	20.963 ng/ul#	94
56) Diethylphthalate	15.37	149	1231356	20.555 ng/ul	96
58) Fluorene	15.60	166	1246128	20.404 ng/ul	94
59) 4-Chlorophenyl-phenylether	15.59	204	727090	20.831 ng/ul	95
60) 4-Nitroaniline	15.67	138	206760	18.055 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.69	198	246324	19.138 ng/ul#	96
64) N-Nitrosodiphenylamine	15.82	169	1042595	20.857 ng/ul	99
65) 4-Bromophenyl-phenylether	16.49	248	452107	21.427 ng/ul	92
66) Hexachlorobenzene	16.58	284	442374	20.020 ng/ul#	83
67) Atrazine	16.76	200	451875	20.798 ng/ul	96
68) Pentachlorophenol	16.94	266	268595	19.096 ng/ul	97
69) Phenanthrene	17.34	178	1885478	20.595 ng/ul	99
71) Anthracene	17.43	178	1954819	20.454 ng/ul	99
72) Carbazole	17.72	167	1574096	19.459 ng/ul	100
73) Di-n-butylphthalate	18.24	149	1899813	20.803 ng/ul	99
74) Fluoranthene	19.35	202	2253699	20.019 ng/ul	99
77) Pyrene	19.72	202	2325797	22.391 ng/ul	99
78) Butylbenzylphthalate	20.59	149	816878	22.755 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.39	252	783641	19.805 ng/ul	94
80) Benzo(a)anthracene	21.45	228	2326453	20.467 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.33	149	1188884	22.258 ng/ul	99
82) Chrysene	21.50	228	2114220	20.575 ng/ul	99
84) Di-n-octyl phthalate	22.23	149	2062876	23.401 ng/ul#	93
85) Benzo(b)fluoranthene	23.09	252	2359140	21.168 ng/ul	99
86) Benzo(k)fluoranthene	23.14	252	2287146	21.482 ng/ul	100
88) Benzo(a)pyrene	23.71	252	2282477	20.662 ng/ul	97
89) Indeno(1,2,3-cd)pyrene	26.20	276	2899498	20.775 ng/ul	98
90) Dibenzo(a,h)anthracene	26.21	278	2478075	20.616 ng/ul	99
91) Benzo(g,h,i)perylene	26.96	276	2389768	20.784 ng/ul	98

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

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