Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM031716\
Data File : BM004657.D
Acq On : 17 Mar 2016 09:29
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02054

Quant Time: Mar 17 10:33:08 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 17 01:59:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	72669	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	314165	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	168296	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	364378	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	405051	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	399963	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	16929	8.04	ng/uL	0.00
5) Phenol-d5	7.00	99	120816	20.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	70715	20.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	97277	20.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	94628	19.66	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	41653	19.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	43936	18.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	90319	19.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	121139	21.87	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	258230	19.63	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	330921	20.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	42760	16.81	ng/ul	0.00
58) Fluorene-d10	15.47	176	229921	20.05	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	32402	16.92	ng/ul	0.00
71) Anthracene-d10	17.32	188	339871	20.26	ng/ul	0.00
79) Pyrene-d10	19.61	212	376407	20.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.56	264	354678	19.85	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	20205	8.23	ng/uL	91
4) Benzaldehyde	6.99	77	68846	20.80	ng/ul	99
6) Phenol	7.03	94	129405	20.60	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.26	93	102385	20.94	ng/ul	93
10) 2-Chlorophenol	7.40	128	103237	20.34	ng/ul	94
11) 2-Methylphenol	8.27	108	95570	19.79	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.37	45	122540	20.94	ng/ul#	92
14) Acetophenone	8.66	105	154350	20.56	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.65	70	71765	18.80	ng/ul	92
16) 4-Methylphenol	8.60	108	105963	19.93	ng/ul	95
17) Hexachloroethane	8.92	117	39243	19.47	ng/ul	91
20) Nitrobenzene	9.04	77	108959	20.21	ng/ul	97
21) Isophorone	9.56	82	195042	18.89	ng/ul	97
23) 2-Nitrophenol	9.75	139	50762	19.42	ng/ul	93
24) 2,4-Dimethylphenol	9.80	107	114903	20.07	ng/ul	100
25) Bis(2-Chloroethoxy)methane	10.05	93	131176	19.68	ng/ul	99
27) 2,4-Dichlorophenol	10.27	162	95052	19.93	ng/ul	98
28) Naphthalene	10.68	128	328485	20.05	ng/ul	100
30) 4-Chloroaniline	10.79	127	130346	22.39	ng/ul	99
31) Hexachlorobutadiene	10.97	225	59157	20.79	ng/ul	98
32) Caprolactam	11.55	113	25660	16.07	ng/ul#	82
33) 4-Chloro-3-methylphenol	11.91	107	100064	18.54	ng/ul	100
34) 2-Methylnaphthalene	12.29	142	232389	19.92	ng/ul	97

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35) 1-Methylnaphthalene	12.52	142	220173	19.64	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	113675	21.14	ng/ul	99
38) Hexachlorocyclopentadiene	12.65	237	55622	19.10	ng/ul	98
39) 2,4,6-Trichlorophenol	12.90	196	68433	19.27	ng/ul	98
40) 2,4,5-Trichlorophenol	12.97	196	75437	19.69	ng/ul	99
41) 1,1'-Biphenyl	13.30	154	292359	20.80	ng/ul	99
42) 2-Chloronaphthalene	13.35	162	219058	20.72	ng/ul	97
43) 2-Nitroaniline	13.55	65	52158	18.33	ng/ul	90
45) Dimethylphthalate	13.93	163	263378	19.72	ng/ul	99
46) 2,6-Dinitrotoluene	14.05	165	46186	19.43	ng/ul	90
48) Acenaphthylene	14.20	152	357371	20.62	ng/ul	99
49) 3-Nitroaniline	14.37	138	51075	19.88	ng/ul	92
50) Acenaphthene	14.54	153	239356	20.52	ng/ul	99
51) 2,4-Dinitrophenol	14.58	184	18399	13.60	ng/ul	93
53) 4-Nitrophenol	14.67	109	37338	18.11	ng/ul	93
54) Dibenzofuran	14.87	168	337351	20.31	ng/ul	96
55) 2,4-Dinitrotoluene	14.83	165	69132	19.28	ng/ul#	85
56) 2,3,4,6-Tetrachlorophenol	15.10	232	62082	18.40	ng/ul	96
57) Diethylphthalate	15.30	149	260306	19.13	ng/ul	99
59) Fluorene	15.52	166	267697	20.18	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.52	204	129260	20.43	ng/ul	92
61) 4-Nitroaniline	15.54	138	53232	19.26	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.60	198	36382	17.49	ng/ul#	99
65) N-Nitrosodiphenylamine	15.73	169	228973	20.75	ng/ul	99
66) 4-Bromophenyl-phenylether	16.41	248	74864	20.40	ng/ul	95
67) Hexachlorobenzene	16.52	284	85148	20.67	ng/ul	96
68) Atrazine	16.68	200	74901	19.21	ng/ul	98
69) Pentachlorophenol	16.87	266	46623	17.45	ng/ul	98
70) Phenanthrene	17.26	178	425127	20.42	ng/ul	100
72) Anthracene	17.35	178	427231	20.38	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	110478	22.04	ng/uL	99
74) Pentachlorobenzene	14.79	250	103328	21.36	ng/uL	98
75) Carbazole	17.62	167	382883	20.43	ng/ul	99
76) Di-n-butylphthalate	18.19	149	408230	15.36	ng/ul	99
77) Fluoranthene	19.27	202	468108	20.36	ng/ul	98
80) Pyrene	19.64	202	505330	20.59	ng/ul	98
81) Butylbenzylphthalate	20.54	149	170473	17.36	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.32	252	134269	21.47	ng/ul	99
83) Benzo(a)anthracene	21.39	228	475293	20.10	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.32	149	249584	17.88	ng/ul	98
85) Chrysene	21.44	228	459422	20.35	ng/ul	100
87) Di-n-octyl phthalate	22.22	149	431393	18.04	ng/ul#	96
88) Benzo(b)fluoranthene	23.01	252	485411	20.35	ng/ul	99
89) Benzo(k)fluoranthene	23.06	252	452792	19.97	ng/ul	98
91) Benzo(a)pyrene	23.60	252	463873	20.29	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.03	276	512427	19.94	ng/ul	98
93) Dibenzo(a,h)anthracene	26.04	278	426630	20.06	ng/ul	100
94) Benzo(g,h,i)perylene	26.74	276	432838	19.89	ng/ul	100

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

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