Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031516\
Data File : BM004627.D
Acq On : 16 Mar 2016 09:24
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02050

Quant Time: Mar 16 13:03:43 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 16 07:32:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	64143	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	276548	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	155661	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	356027	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	414129	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	413155	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	14815	7.97	ng/uL	0.00
5) Phenol-d5	7.00	99	108471	20.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	61833	20.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	86850	20.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	85603	20.15	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	37018	19.25	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	39408	18.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	81604	20.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	110736	22.71	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	238185	19.57	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	303207	20.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	44079	18.74	ng/ul	0.00
58) Fluorene-d10	15.47	176	215945	20.36	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.58	200	31386	16.77	ng/ul	0.00
71) Anthracene-d10	17.32	188	333675	20.36	ng/ul	0.00
79) Pyrene-d10	19.61	212	378854	20.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	376840	20.42	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	17463	8.05	ng/uL	92
4) Benzaldehyde	6.99	77	62424	21.36	ng/ul	97
6) Phenol	7.03	94	114336	20.62	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.27	93	88893	20.60	ng/ul	96
10) 2-Chlorophenol	7.40	128	92018	20.54	ng/ul	95
11) 2-Methylphenol	8.27	108	86577	20.31	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.37	45	105048	20.34	ng/ul#	93
14) Acetophenone	8.66	105	136695	20.62	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.65	70	64557	19.16	ng/ul	94
16) 4-Methylphenol	8.60	108	95171	20.28	ng/ul	98
17) Hexachloroethane	8.92	117	35036	19.69	ng/ul	95
20) Nitrobenzene	9.04	77	94229	19.85	ng/ul	98
21) Isophorone	9.56	82	177386	19.52	ng/ul	97
23) 2-Nitrophenol	9.75	139	44944	19.53	ng/ul	94
24) 2,4-Dimethylphenol	9.80	107	102083	20.25	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.05	93	115938	19.76	ng/ul	97
27) 2,4-Dichlorophenol	10.27	162	84843	20.21	ng/ul	98
28) Naphthalene	10.69	128	290125	20.12	ng/ul	99
30) 4-Chloroaniline	10.79	127	118123	23.05	ng/ul	98
31) Hexachlorobutadiene	10.97	225	51198	20.44	ng/ul	97
32) Caprolactam	11.55	113	25694	18.27	ng/ul	84
33) 4-Chloro-3-methylphenol	11.91	107	93259	19.63	ng/ul	100
34) 2-Methylnaphthalene	12.30	142	207825	20.24	ng/ul	98

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35) 1-Methylnaphthalene	12.52	142	199257	20.19	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.66	216	101602	20.43	ng/ul	99
38) Hexachlorocyclopentadiene	12.65	237	47951	17.80	ng/ul	97
39) 2,4,6-Trichlorophenol	12.90	196	63990	19.49	ng/ul	99
40) 2,4,5-Trichlorophenol	12.97	196	70710	19.96	ng/ul	100
41) 1,1'-Biphenyl	13.31	154	262921	20.23	ng/ul	99
42) 2-Chloronaphthalene	13.35	162	197891	20.24	ng/ul	98
43) 2-Nitroaniline	13.55	65	48643	18.48	ng/ul	90
45) Dimethylphthalate	13.93	163	245958	19.91	ng/ul	99
46) 2,6-Dinitrotoluene	14.05	165	41854	19.03	ng/ul	93
48) Acenaphthylene	14.20	152	329369	20.55	ng/ul	99
49) 3-Nitroaniline	14.38	138	49607	20.88	ng/ul	94
50) Acenaphthene	14.54	153	220346	20.42	ng/ul	100
51) 2,4-Dinitrophenol	14.58	184	19337	15.45	ng/ul#	90
53) 4-Nitrophenol	14.67	109	36920	19.36	ng/ul#	89
54) Dibenzofuran	14.87	168	315090	20.51	ng/ul	96
55) 2,4-Dinitrotoluene	14.84	165	65765	19.83	ng/ul	92
56) 2,3,4,6-Tetrachlorophenol	15.10	232	62100	19.90	ng/ul	96
57) Diethylphthalate	15.30	149	244312	19.41	ng/ul	99
59) Fluorene	15.53	166	251791	20.52	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.52	204	119558	20.43	ng/ul	94
61) 4-Nitroaniline	15.54	138	53237	20.83	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.60	198	34673	17.06	ng/ul#	99
65) N-Nitrosodiphenylamine	15.73	169	218118	20.23	ng/ul	98
66) 4-Bromophenyl-phenylether	16.42	248	70742	19.73	ng/ul	93
67) Hexachlorobenzene	16.52	284	81563	20.26	ng/ul	98
68) Atrazine	16.68	200	75907	19.92	ng/ul	98
69) Pentachlorophenol	16.87	266	48950	18.75	ng/ul	99
70) Phenanthrene	17.26	178	413577	20.33	ng/ul	99
72) Anthracene	17.35	178	417054	20.36	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.27	216	98775	20.16	ng/uL	99
74) Pentachlorobenzene	14.79	250	96566	20.43	ng/uL	99
75) Carbazole	17.62	167	383814	20.96	ng/ul	99
76) Di-n-butylphthalate	18.19	149	414594	15.97	ng/ul	99
77) Fluoranthene	19.27	202	483277	21.51	ng/ul	99
80) Pyrene	19.64	202	509403	20.30	ng/ul	98
81) Butylbenzylphthalate	20.54	149	195698	19.50	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.32	252	147783	23.11	ng/ul	99
83) Benzo(a)anthracene	21.39	228	494470	20.46	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.32	149	288225	20.20	ng/ul	99
85) Chrysene	21.44	228	465574	20.17	ng/ul	100
87) Di-n-octyl phthalate	22.22	149	516834	20.93	ng/ul	97
88) Benzo(b)fluoranthene	23.01	252	488380	19.82	ng/ul	100
89) Benzo(k)fluoranthene	23.05	252	484716	20.69	ng/ul	99
91) Benzo(a)pyrene	23.60	252	480193	20.34	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	26.03	276	533122	20.09	ng/ul	99
93) Dibenzo(a,h)anthracene	26.04	278	443490	20.19	ng/ul	99
94) Benzo(g,h,i)perylene	26.74	276	446223	19.85	ng/ul	99

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

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