Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM022516\
Data File : BM004420.D
Acq On : 26 Feb 2016 04:10
Operator : SJ/UM
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02059

Quant Time: Feb 26 04:47:02 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 26 03:49:40 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	27681	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	123589	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	69835	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	144862	20.00	ng/ul	0.00
78) Chrysene-d12	21.24	240	149362	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	147560	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	4133	7.87	ng/uL	0.00
5) Phenol-d5	6.80	99	41794	18.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	21933	18.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	38497	19.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.34	113	36557	17.63	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	18370	19.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	20786	19.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	37050	19.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	49388	20.45	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	108719	18.15	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	138161	19.70	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	14879	15.46	ng/ul	0.00
58) Fluorene-d10	15.27	176	94061	18.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	15624	17.56	ng/ul	0.00
71) Anthracene-d10	17.13	188	137892	19.43	ng/ul	0.00
79) Pyrene-d10	19.44	212	144448	19.99	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	151941	19.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.11	88	4752	7.85	ng/uL#	87
4) Benzaldehyde	6.76	77	26711	21.27	ng/ul	96
6) Phenol	6.83	94	44847	18.12	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.05	93	34307	18.72	ng/ul	94
10) 2-Chlorophenol	7.18	128	39766	19.11	ng/ul	97
11) 2-Methylphenol	8.07	108	36027	17.85	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.15	45	31560	17.94	ng/ul	96
14) Acetophenone	8.44	105	59094	18.18	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.42	70	27038	17.31	ng/ul	95
16) 4-Methylphenol	8.40	108	39174	17.70	ng/ul	98
17) Hexachloroethane	8.68	117	15241	19.28	ng/ul	89
20) Nitrobenzene	8.82	77	39456	19.20	ng/ul	95
21) Isophorone	9.33	82	75480	17.72	ng/ul	98
23) 2-Nitrophenol	9.53	139	23524	19.51	ng/ul	92
24) 2,4-Dimethylphenol	9.60	107	44828	18.62	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.82	93	47687	18.58	ng/ul	99
27) 2,4-Dichlorophenol	10.06	162	38766	18.99	ng/ul	99
28) Naphthalene	10.45	128	132859	19.28	ng/ul	100
30) 4-Chloroaniline	10.57	127	52337	20.58	ng/ul	99
31) Hexachlorobutadiene	10.73	225	26277	20.51	ng/ul	98
32) Caprolactam	11.33	113	10250	14.42	ng/ul	85
33) 4-Chloro-3-methylphenol	11.72	107	41210	17.24	ng/ul	98
34) 2-Methylnaphthalene	12.07	142	94830	18.39	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	90473	18.45	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	48889	21.05	ng/ul	98
38) Hexachlorocyclopentadiene	12.42	237	11799	13.63	ng/ul	96
39) 2,4,6-Trichlorophenol	12.70	196	29336	19.44	ng/ul	99
40) 2,4,5-Trichlorophenol	12.79	196	31363	19.14	ng/ul	100
41) 1,1'-Biphenyl	13.10	154	121561	20.26	ng/ul	99
42) 2-Chloronaphthalene	13.14	162	93407	20.46	ng/ul	98
43) 2-Nitroaniline	13.36	65	20762	18.04	ng/ul	93
45) Dimethylphthalate	13.74	163	113548	18.18	ng/ul	100
46) 2,6-Dinitrotoluene	13.87	165	23067	18.41	ng/ul	94
48) Acenaphthylene	14.00	152	148881	19.51	ng/ul	99
49) 3-Nitroaniline	14.20	138	23174	18.65	ng/ul	95
50) Acenaphthene	14.34	153	101087	19.40	ng/ul	98
51) 2,4-Dinitrophenol	14.43	184	7114	12.52	ng/ul	93
53) 4-Nitrophenol	14.54	109	10676	14.83	ng/ul	91
54) Dibenzofuran	14.68	168	139529	19.18	ng/ul	96
55) 2,4-Dinitrotoluene	14.67	165	33276	17.79	ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.92	232	24358	17.95	ng/ul#	95
57) Diethylphthalate	15.11	149	112210	17.36	ng/ul	98
59) Fluorene	15.33	166	111978	18.57	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.33	204	55569	18.78	ng/ul	95
61) 4-Nitroaniline	15.37	138	23133	17.27	ng/ul	90
64) 4,6-Dinitro-2-methylphenol	15.44	198	16779	17.50	ng/ul#	95
65) N-Nitrosodiphenylamine	15.54	169	94222	20.33	ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	32399	20.53	ng/ul	94
67) Hexachlorobenzene	16.34	284	35294	20.12	ng/ul	93
68) Atrazine	16.50	200	32805	19.08	ng/ul	97
69) Pentachlorophenol	16.70	266	11139	16.09	ng/ul	99
70) Phenanthrene	17.07	178	169866	19.53	ng/ul	99
72) Anthracene	17.17	178	174345	19.72	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	45704	23.68	ng/uL	100
74) Pentachlorobenzene	14.60	250	43518	21.94	ng/uL	99
75) Carbazole	17.44	167	146874	19.06	ng/ul	99
76) Di-n-butylphthalate	18.00	149	185888	17.38	ng/ul	100
77) Fluoranthene	19.10	202	188702	19.14	ng/ul	99
80) Pyrene	19.47	202	195524	20.03	ng/ul	99
81) Butylbenzylphthalate	20.37	149	80837	18.82	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.16	252	63547	21.12	ng/ul	99
83) Benzo(a)anthracene	21.23	228	185509	19.31	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.15	149	120564	18.99	ng/ul	97
85) Chrysene	21.28	228	178188	19.28	ng/ul	99
87) Di-n-octyl phthalate	22.02	149	214819	17.69	ng/ul	97
88) Benzo(b)fluoranthene	22.80	252	186358	18.69	ng/ul	99
89) Benzo(k)fluoranthene	22.84	252	181589	19.33	ng/ul	100
91) Benzo(a)pyrene	23.37	252	181820	19.62	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.70	276	203833	23.52	ng/ul	100
93) Dibenzo(a,h)anthracene	25.70	278	169167	23.66	ng/ul	98
94) Benzo(g,h,i)perylene	26.39	276	173241	24.31	ng/ul	99

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

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