Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM040116\
Data File : BM004842.D
Acq On : 01 Apr 2016 15:26
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02050

Quant Time: Apr 01 15:55:39 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 30 03:41:15 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	37017	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	177865	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.46	164	114397	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.20	188	282197	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	378310	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	420060	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.32	96	7177	6.69	ng/uL	0.00
5) Phenol-d5	6.99	99	64190	21.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	35434	20.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	50873	20.78	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	53362	21.76	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	24372	19.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	30193	22.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	59468	22.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	72890	23.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.87	166	175943	19.67	ng/ul	0.00
47) Acenaphthylene-d8	14.16	160	210983	19.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	32174	18.61	ng/ul	0.00
58) Fluorene-d10	15.46	176	151352	19.42	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.57	200	1639	1.11	ng/ul	0.00
71) Anthracene-d10	17.30	188	245068	18.86	ng/ul	0.00
79) Pyrene-d10	19.60	212	296711	17.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	351574	18.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	8964	7.16	ng/uL	91
4) Benzaldehyde	6.97	77	36253	21.50	ng/ul	100
6) Phenol	7.02	94	67598	21.12	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.25	93	51173	20.55	ng/ul	94
10) 2-Chlorophenol	7.39	128	54302	21.01	ng/ul	96
11) 2-Methylphenol	8.26	108	51572	20.97	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.36	45	62829	21.08	ng/ul	94
14) Acetophenone	8.64	105	84306	22.04	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.62	70	41805	21.50	ng/ul	94
16) 4-Methylphenol	8.59	108	58755	21.69	ng/ul	96
17) Hexachloroethane	8.90	117	19411	18.90	ng/ul	97
20) Nitrobenzene	9.02	77	59970	19.65	ng/ul	98
21) Isophorone	9.54	82	121163	20.73	ng/ul	99
23) 2-Nitrophenol	9.73	139	33966	22.95	ng/ul	97
24) 2,4-Dimethylphenol	9.79	107	65047	20.07	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.03	93	73711	19.54	ng/ul	99
27) 2,4-Dichlorophenol	10.26	162	60881	22.55	ng/ul	98
28) Naphthalene	10.66	128	176080	18.99	ng/ul	100
30) 4-Chloroaniline	10.77	127	77248	23.44	ng/ul	100
31) Hexachlorobutadiene	10.95	225	31744	19.70	ng/ul	97
32) Caprolactam	11.53	113	23214	25.67	ng/ul	85
33) 4-Chloro-3-methylphenol	11.90	107	66307	21.70	ng/ul	97
34) 2-Methylnaphthalene	12.27	142	132592	20.08	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.50	142	128321	20.22 ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.65	216	66791	18.28 ng/ul	99
38) Hexachlorocyclopentadiene	12.63	237	32793	16.57 ng/ul	98
39) 2,4,6-Trichlorophenol	12.89	196	53835	22.31 ng/ul	98
40) 2,4,5-Trichlorophenol	12.96	196	59165	22.72 ng/ul	98
41) 1,1'-Biphenyl	13.29	154	178051	18.64 ng/ul	99
42) 2-Chloronaphthalene	13.33	162	133146	18.53 ng/ul	97
43) 2-Nitroaniline	13.54	65	39170	20.25 ng/ul	88
45) Dimethylphthalate	13.92	163	178342	19.64 ng/ul	99
46) 2,6-Dinitrotoluene	14.04	165	34313	21.23 ng/ul	93
48) Acenaphthylene	14.18	152	222324	18.87 ng/ul	100
49) 3-Nitroaniline	14.37	138	39921	22.86 ng/ul	98
50) Acenaphthene	14.53	153	148976	18.78 ng/ul	100
53) 4-Nitrophenol	14.67	109	27627	19.71 ng/ul	89
54) Dibenzofuran	14.86	168	217037	19.22 ng/ul	96
55) 2,4-Dinitrotoluene	14.83	165	51150	20.98 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	15.09	232	41465	18.08 ng/ul	96
57) Diethylphthalate	15.28	149	184738	19.97 ng/ul	98
59) Fluorene	15.51	166	177378	19.67 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.50	204	85422	19.86 ng/ul	93
61) 4-Nitroaniline	15.53	138	42981	22.88 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.59	198	1701	1.06 ng/ul#	86
65) N-Nitrosodiphenylamine	15.72	169	155566	18.20 ng/ul	98
66) 4-Bromophenyl-phenylether	16.40	248	53007	18.65 ng/ul	93
67) Hexachlorobenzene	16.52	284	61174	19.17 ng/ul#	90
68) Atrazine	16.67	200	62173	20.59 ng/ul	99
69) Pentachlorophenol	16.86	266	15333	7.41 ng/ul	95
70) Phenanthrene	17.25	178	300804	18.66 ng/ul	99
72) Anthracene	17.34	178	307073	18.91 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.26	216	67872	17.48 ng/uL	99
74) Pentachlorobenzene	14.78	250	68175	18.19 ng/uL	99
75) Carbazole	17.61	167	286396	19.73 ng/ul	99
76) Di-n-butylphthalate	18.17	149	348043	16.91 ng/ul	100
77) Fluoranthene	19.26	202	374043	21.01 ng/ul	99
80) Pyrene	19.63	202	394451	17.20 ng/ul	99
81) Butylbenzylphthalate	20.53	149	174448	19.02 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.32	252	147132	25.19 ng/ul	99
83) Benzo(a)anthracene	21.38	228	412521	18.68 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.30	149	253549	19.45 ng/ul	98
85) Chrysene	21.43	228	392713	18.62 ng/ul	100
87) Di-n-octyl phthalate	22.20	149	476203	18.97 ng/ul#	96
88) Benzo(b)fluoranthene	23.00	252	453444	18.10 ng/ul	99
89) Benzo(k)fluoranthene	23.04	252	432387	18.15 ng/ul	99
91) Benzo(a)pyrene	23.59	252	446538	18.60 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.02	276	505381	18.73 ng/ul	98
93) Dibenzo(a,h)anthracene	26.03	278	422127	18.90 ng/ul	99
94) Benzo(g,h,i)perylene	26.73	276	410589	17.96 ng/ul	98

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

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