Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022216\
Data File : BM004311.D
Acq On : 22 Feb 2016 15:01
Operator : SJ/UM
Sample : SSTD00542
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD00542

Quant Time: Feb 22 17:22:11 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 22 16:57:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	24955	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	120311	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	79489	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	190432	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	221151	20.00	ng/ul	0.00
86) Perylene-d12	23.47	264	201951	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	834	1.68	ng/uL	0.00
5) Phenol-d5	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	7.16	132	8216	4.62	ng/ul	0.00
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	8.79	128	4064	4.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	4540	4.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	8495	4.56	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.70	166	33710	5.10	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	38368	4.77	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	15.29	176	29332	5.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	17.14	188	46598	5.00	ng/ul	0.00
79) Pyrene-d10	19.45	212	52689	4.49	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.33	264	51056	4.74	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	1100	1.90	ng/uL#	78
10) 2-Chlorophenol	7.20	128	8629	4.67	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.43	70	6803	5.18	ng/ul	98
17) Hexachloroethane	8.69	117	3456	4.70	ng/ul	97
20) Nitrobenzene	8.83	77	9062	4.30	ng/ul	96
21) Isophorone	9.35	82	19793	4.91	ng/ul	99
23) 2-Nitrophenol	9.54	139	5058	4.35	ng/ul	98
24) 2,4-Dimethylphenol	9.61	107	10915	4.68	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.83	93	12127	4.88	ng/ul	98
27) 2,4-Dichlorophenol	10.08	162	9154	4.72	ng/ul	95
28) Naphthalene	10.46	128	33189	4.96	ng/ul	100
31) Hexachlorobutadiene	10.74	225	6202	4.75	ng/ul	96
33) 4-Chloro-3-methylphenol	11.74	107	10902	5.07	ng/ul	96
34) 2-Methylnaphthalene	12.09	142	24935	5.16	ng/ul	100
35) 1-Methylnaphthalene	12.31	142	23912	5.24	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	12776	4.59	ng/ul	98
39) 2,4,6-Trichlorophenol	12.72	196	8156	4.64	ng/ul	97
40) 2,4,5-Trichlorophenol	12.80	196	8497	4.48	ng/ul	99
41) 1,1'-Biphenyl	13.11	154	33653	4.74	ng/ul	98
42) 2-Chloronaphthalene	13.16	162	25317	4.69	ng/ul	98
43) 2-Nitroaniline	13.37	65	5408	4.10	ng/ul	96
45) Dimethylphthalate	13.75	163	35363	5.12	ng/ul	99
46) 2,6-Dinitrotoluene	13.88	165	6145	4.51	ng/ul	98

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022216\
Data File : BM004311.D
Acq On : 22 Feb 2016 15:01
Operator : SJ/UM
Sample : SSTD00542
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD00542

Quant Time: Feb 22 17:22:11 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 22 16:57:51 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
48) Acenaphthylene	14.01	152	42322	4.82	ng/ul	100
50) Acenaphthene	14.35	153	29621	4.98	ng/ul	98
54) Dibenzofuran	14.69	168	42000	5.11	ng/ul	96
55) 2,4-Dinitrotoluene	14.68	165	9756	4.98	ng/ul#	86
56) 2,3,4,6-Tetrachlorophenol	14.93	232	7044	4.59	ng/ul#	93
57) Diethylphthalate	15.12	149	36623	5.28	ng/ul	99
59) Fluorene	15.34	166	35210	5.32	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	17079	5.20	ng/ul	95
65) N-Nitrosodiphenylamine	15.56	169	30315	4.72	ng/ul	99
66) 4-Bromophenyl-phenylether	16.23	248	10201	4.62	ng/ul	94
67) Hexachlorobenzene	16.35	284	11282	4.55	ng/ul	97
70) Phenanthrene	17.09	178	58280	5.06	ng/ul	99
72) Anthracene	17.17	178	58380	4.99	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.08	216	12135	4.10	ng/uL	99
74) Pentachlorobenzene	14.61	250	12785	4.39	ng/uL	99
76) Di-n-butylphthalate	18.01	149	78905	6.20	ng/ul	99
80) Pyrene	19.48	202	71938	4.50	ng/ul	100
81) Butylbenzylphthalate	20.38	149	30391	4.75	ng/ul	99
83) Benzo(a)anthracene	21.23	228	70919	4.98	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	46595	4.97	ng/ul	98
85) Chrysene	21.29	228	69569	5.18	ng/ul	99
88) Benzo(b)fluoranthene	22.81	252	67093	5.02	ng/ul	99
89) Benzo(k)fluoranthene	22.85	252	62660	4.91	ng/ul	99
91) Benzo(a)pyrene	23.38	252	61582	4.85	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.71	276	55815	3.88	ng/ul	99
93) Dibenzo(a,h)anthracene	25.73	278	45717	3.78	ng/ul	99
94) Benzo(g,h,i)perylene	26.41	276	45641	3.76	ng/ul	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022216\
Data File : BM004311.D
Acq On : 22 Feb 2016 15:01
Operator : SJ/UM
Sample : SSTD00542
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD00542

Quant Time: Feb 22 17:22:11 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM022216.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 22 16:57:51 2016
Response via : Initial Calibration