Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041416\
Data File : BM004948.D
Acq On : 14 Apr 2016 18:00
Operator : UM/SJ
Sample : SSTD01045
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01045

Quant Time: Apr 15 00:13:39 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 15 00:10:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	64710	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	296711	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	181438	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	394093	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	372848	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	356821	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	4928	3.26	ng/uL	0.00
5) Phenol-d5	6.97	99	46433	8.30	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	27955	9.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	37801	8.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	38561	8.23	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	18605	8.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	20714	8.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	38596	9.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.74	131	42758	8.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	122287	8.80	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	150424	8.99	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	18211	6.81	ng/ul	0.00
57) Fluorene-d10	15.44	176	108558	9.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	11977	5.40	ng/ul	0.00
70) Anthracene-d10	17.29	188	157415	9.12	ng/ul	0.00
76) Pyrene-d10	19.59	212	156983	9.75	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	135307	8.79	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.34	88	8658	4.33	ng/uL	97
4) Benzaldehyde	6.96	77	31204	11.70	ng/ul	98
6) Phenol	7.00	94	49012	8.41	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.23	93	38912	8.78	ng/ul	99
10) 2-Chlorophenol	7.37	128	38749	8.66	ng/ul	98
11) 2-Methylphenol	8.25	108	37908	8.24	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.35	45	48881	9.01	ng/ul	100
14) Acetophenone	8.63	105	63106	8.92	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.61	70	31169	8.73	ng/ul	98
16) 4-Methylphenol	8.57	108	42166	8.25	ng/ul	94
17) Hexachloroethane	8.89	117	15251	8.89	ng/ul	93
20) Nitrobenzene	9.01	77	44725	9.02	ng/ul	96
21) Isophorone	9.53	82	86106	8.81	ng/ul	99
23) 2-Nitrophenol	9.72	139	22286	8.86	ng/ul	92
24) 2,4-Dimethylphenol	9.77	107	46216	8.77	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.01	93	54863	8.98	ng/ul	98
27) 2,4-Dichlorophenol	10.25	162	39225	8.90	ng/ul	98
28) Naphthalene	10.65	128	131431	8.95	ng/ul	100
30) 4-Chloroaniline	10.76	127	44398	8.43	ng/ul	100
31) Hexachlorobutadiene	10.93	225	25731	9.48	ng/ul	96
32) Caprolactam	11.51	113	11391	7.02	ng/ul	90
33) 4-Chloro-3-methylphenol	11.89	107	43811	8.75	ng/ul	98
34) 2-Methylnaphthalene	12.26	142	97371	8.94	ng/ul	97

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041416\
Data File : BM004948.D
Acq On : 14 Apr 2016 18:00
Operator : UM/SJ
Sample : SSTD01045
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD01045

Quant Time: Apr 15 00:13:39 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 15 00:10:45 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.63	216	51232	9.25	ng/ul	99
37) Hexachlorocyclopentadiene	12.61	237	21662	6.74	ng/ul	97
38) 2,4,6-Trichlorophenol	12.87	196	32213	8.84	ng/ul	98
39) 2,4,5-Trichlorophenol	12.94	196	34986	8.76	ng/ul	99
40) 1,1'-Biphenyl	13.28	154	129703	9.01	ng/ul	99
41) 2-Chloronaphthalene	13.32	162	97592	8.98	ng/ul	98
42) 2-Nitroaniline	13.53	65	25738	8.27	ng/ul	97
44) Dimethylphthalate	13.90	163	123073	8.72	ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	22949	8.30	ng/ul	96
47) Acenaphthylene	14.17	152	161047	9.05	ng/ul	99
48) 3-Nitroaniline	14.36	138	22565	8.04	ng/ul	96
49) Acenaphthene	14.51	153	105630	8.91	ng/ul	98
50) 2,4-Dinitrophenol	14.56	184	5085	2.99	ng/ul	98
52) 4-Nitrophenol	14.66	109	15705	7.14	ng/ul	96
53) Dibenzofuran	14.84	168	153246	8.91	ng/ul	100
54) 2,4-Dinitrotoluene	14.81	165	32872	8.02	ng/ul#	98
55) 2,3,4,6-Tetrachlorophenol	15.07	232	28853	8.29	ng/ul	100
56) Diethylphthalate	15.27	149	118672	8.38	ng/ul	99
58) Fluorene	15.50	166	121553	8.97	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.49	204	60616	9.11	ng/ul	99
60) 4-Nitroaniline	15.52	138	22774	7.04	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.57	198	12526	5.30	ng/ul#	99
64) N-Nitrosodiphenylamine	15.70	169	103693	9.24	ng/ul	99
65) 4-Bromophenyl-phenylether	16.39	248	36656	9.44	ng/ul	97
66) Hexachlorobenzene	16.50	284	40277	9.16	ng/ul	99
67) Atrazine	16.65	200	34159	8.45	ng/ul	98
68) Pentachlorophenol	16.84	266	18567	6.94	ng/ul	100
69) Phenanthrene	17.23	178	186350	8.84	ng/ul	100
71) Anthracene	17.33	178	188776	8.94	ng/ul	99
72) Carbazole	17.60	167	162272	8.71	ng/ul	100
73) Di-n-butylphthalate	18.16	149	178654	8.11	ng/ul	100
74) Fluoranthene	19.25	202	195157	8.52	ng/ul	99
77) Pyrene	19.62	202	202641	9.63	ng/ul	100
78) Butylbenzylphthalate	20.52	149	72288	8.30	ng/ul	97
79) 3,3'-Dichlorobenzidine	21.30	252	55517	8.08	ng/ul	100
80) Benzo(a)anthracene	21.36	228	181246	8.75	ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.29	149	100501	8.15	ng/ul	99
82) Chrysene	21.41	228	173496	8.83	ng/ul	99
84) Di-n-octyl phthalate	22.18	149	167690	8.28	ng/ul	99
85) Benzo(b)fluoranthene	22.97	252	172717	8.66	ng/ul	98
86) Benzo(k)fluoranthene	23.02	252	169061	8.86	ng/ul	100
88) Benzo(a)pyrene	23.57	252	167932	8.72	ng/ul	100
89) Indeno(1,2,3-cd)pyrene	25.98	276	185051	8.15	ng/ul	98
90) Dibenzo(a,h)anthracene	25.99	278	155304	8.22	ng/ul	99
91) Benzo(g,h,i)perylene	26.69	276	153613	7.91	ng/ul	98

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

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041416\
Data File : BM004948.D
Acq On : 14 Apr 2016 18:00
Operator : UM/SJ
Sample : SSTD01045
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD01045

Quant Time: Apr 15 00:13:39 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM041416.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Apr 15 00:10:45 2016
Response via : Initial Calibration