Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM043016\
Data File : BM005165.D
Acq On : 30 Apr 2016 08:06
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Manual Integrations APPROVED
sohil
5/2/2016 8:51:55 AM

Quant Time: May 01 03:33:56 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 30 03:07:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	45720	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	214768	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	134427	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	310094	20.00	ng/ul	0.00
75) Chrysene-d12	21.37	240	321331	20.00	ng/ul	0.00
83) Perylene-d12	23.65	264	274769	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	7525	8.36	ng/uL	0.00
5) Phenol-d5	6.95	99	82406	21.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	48802	22.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	63633	21.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	68656	21.41	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	31908	21.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	31838	19.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	67989	21.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.71	131	91996	24.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	217376	20.48	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	263649	20.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	36719	19.79	ng/ul	0.00
57) Fluorene-d10	15.42	176	187968	20.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	28169	15.97	ng/ul	0.00
70) Anthracene-d10	17.27	188	292723	21.05	ng/ul	0.00
76) Pyrene-d10	19.57	212	321111	21.95	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.50	264	253539	20.59	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	13544	8.11	ng/uL	95
4) Benzaldehyde	6.93	77	51681	27.52	ng/ul	96
6) Phenol	6.98	94	86441	21.93	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.21	93	65511	21.67	ng/ul	96
10) 2-Chlorophenol	7.35	128	64444	20.96	ng/ul	96
11) 2-Methylphenol	8.23	108	66266	21.53	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.32	45	91708	23.46	ng/ul	98
14) Acetophenone	8.61	105	107917	22.36	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.59	70	55292	22.88	ng/ul	94
16) 4-Methylphenol	8.55	108	73604	21.50	ng/ul	98
17) Hexachloroethane	8.86	117	25740	21.02	ng/ul	93
20) Nitrobenzene	8.98	77	80304	21.94	ng/ul	97
21) Isophorone	9.51	82	160271	23.06	ng/ul	98
23) 2-Nitrophenol	9.70	139	35991	19.95	ng/ul	91
24) 2,4-Dimethylphenol	9.75	107	81155	20.90	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.99	93	94298	21.83	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	68398	21.11	ng/ul	98
28) Naphthalene	10.63	128	223195	20.61	ng/ul	100
30) 4-Chloroaniline	10.74	127	92951	24.71	ng/ul	99
31) Hexachlorobutadiene	10.91	225	41578	19.45	ng/ul	98
32) Caprolactam	11.50	113	23307m	20.80	ng/ul	
33) 4-Chloro-3-methylphenol	11.87	107	81670	22.04	ng/ul	98
34) 2-Methylnaphthalene	12.24	142	165462	20.64	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM043016\
Data File : BM005165.D
Acq On : 30 Apr 2016 08:06
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Manual Integrations APPROVED
sohil
5/2/2016 8:51:55 AM

Quant Time: May 01 03:33:56 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 30 03:07:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.61	216	85640	20.39	ng/ul	98
37) Hexachlorocyclopentadiene	12.59	237	40639	16.31	ng/ul	98
38) 2,4,6-Trichlorophenol	12.85	196	55449	20.76	ng/ul	98
39) 2,4,5-Trichlorophenol	12.93	196	62988	21.05	ng/ul	99
40) 1,1'-Biphenyl	13.25	154	219874	20.68	ng/ul	100
41) 2-Chloronaphthalene	13.30	162	167304	20.68	ng/ul	99
42) 2-Nitroaniline	13.51	65	50464	23.00	ng/ul	93
44) Dimethylphthalate	13.88	163	217593	20.44	ng/ul	100
45) 2,6-Dinitrotoluene	14.01	165	43079	20.95	ng/ul	91
47) Acenaphthylene	14.15	152	280502	20.97	ng/ul	100
48) 3-Nitroaniline	14.34	138	48154	23.02	ng/ul	98
49) Acenaphthene	14.49	153	183552	20.85	ng/ul	99
50) 2,4-Dinitrophenol	14.55	184	14331	11.94	ng/ul	96
52) 4-Nitrophenol	14.65	109	31006	18.69	ng/ul	93
53) Dibenzofuran	14.82	168	261756	20.17	ng/ul	97
54) 2,4-Dinitrotoluene	14.80	165	64538	20.66	ng/ul	95
55) 2,3,4,6-Tetrachlorophenol	15.05	232	51407	19.79	ng/ul	96
56) Diethylphthalate	15.25	149	222266	20.68	ng/ul	99
58) Fluorene	15.48	166	209179	20.76	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.47	204	103309	20.32	ng/ul	99
60) 4-Nitroaniline	15.51	138	49888	22.11	ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.56	198	31560	16.99	ng/ul	98
64) N-Nitrosodiphenylamine	15.69	169	184446	21.64	ng/ul	99
65) 4-Bromophenyl-phenylether	16.37	248	63355	20.93	ng/ul	99
66) Hexachlorobenzene	16.48	284	69408	20.13	ng/ul	98
67) Atrazine	16.64	200	68887	21.93	ng/ul	97
68) Pentachlorophenol	16.82	266	37185	18.70	ng/ul	99
69) Phenanthrene	17.22	178	341108	20.67	ng/ul	99
71) Anthracene	17.31	178	352153	21.17	ng/ul	99
72) Carbazole	17.58	167	318302	22.31	ng/ul	99
73) Di-n-butylphthalate	18.14	149	386958	23.17	ng/ul	100
74) Fluoranthene	19.24	202	399002	21.97	ng/ul	99
77) Pyrene	19.60	202	405897	21.87	ng/ul	99
78) Butylbenzylphthalate	20.50	149	177900	24.92	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.28	252	125447	21.83	ng/ul	97
80) Benzo(a)anthracene	21.35	228	382952	20.82	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.27	149	258250	25.76	ng/ul	100
82) Chrysene	21.40	228	364314	20.70	ng/ul	99
84) Di-n-octyl phthalate	22.16	149	452826	26.51	ng/ul	98
85) Benzo(b)fluoranthene	22.96	252	351198	21.22	ng/ul	99
86) Benzo(k)fluoranthene	23.01	252	326856	20.31	ng/ul	100
88) Benzo(a)pyrene	23.55	252	317419	20.54	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.95	276	308103	20.90	ng/ul	99
90) Dibenzo(a,h)anthracene	25.96	278	260187	21.12	ng/ul	99
91) Benzo(g,h,i)perylene	26.66	276	250764	20.79	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM043016\
Data File : BM005165.D
Acq On : 30 Apr 2016 08:06
Operator : UM/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 01 03:33:56 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM042516.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 30 03:07:27 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Manual Integrations APPROVED
sohil
5/2/2016 8:51:55 AM