Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
Data File : BM000055.D
Acq On : 29 Dec 2014 12:20
Operator : TP
Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD08005

Manual Integrations APPROVED
apatel
1/26/2015 3:55:27 PM

Quant Time: Dec 29 13:03:50 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 29 11:57:04 2014
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	207608	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	901849	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.48	164	624184	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1319333	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	1368661	20.00	ng/ul	0.01
83) Perylene-d12	23.72	264	1193424	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.33	96	115284	28.55	ng/uL	0.00
5) Phenol-d5	7.01	99	1513620m	87.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	897970	86.83	ng/ul	0.01
9) 2-Chlorophenol-d4	7.38	132	1096875	88.81	ng/ul	0.01
13) 4-Methylphenol-d8	8.56	113	1184109	89.38	ng/ul	0.02
19) Nitrobenzene-d5	9.01	128	550039	99.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	595287m	106.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	1181871m	91.50	ng/ul	0.01
29) 4-Chloroaniline-d4	10.78	131	1310648	115.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	3710446	88.70	ng/ul	0.01
46) Acenaphthylene-d8	14.19	160	4477610	90.49	ng/ul	0.01
51) 4-Nitrophenol-d4	14.69	143	652042	96.09	ng/ul	0.02
57) Fluorene-d10	15.48	176	3134812	89.12	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	600610m	107.27	ng/ul	0.01
70) Anthracene-d10	17.33	188	4825898	85.37	ng/ul	0.01
76) Pyrene-d10	19.63	212	5283178	91.46	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.58	264	4555268	90.76	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.36	88	147363	30.39	ng/uL	93
4) Benzaldehyde	7.00	77	810002	113.20	ng/ul	93
6) Phenol	7.04	94	1546838	82.51	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.28	93	1156808	81.45	ng/ul	96
10) 2-Chlorophenol	7.42	128	1136391	84.43	ng/ul	95
11) 2-Methylphenol	8.29	108	1210478	84.60	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.39	45	1846734	80.38	ng/ul	98
14) Acetophenone	8.68	105	1948462	85.84	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.68	70	1033867	81.02	ng/ul	99
16) 4-Methylphenol	8.63	108	1296842	83.69	ng/ul	100
17) Hexachloroethane	8.93	117	515212	87.83	ng/ul	90
20) Nitrobenzene	9.05	77	1576076	92.82	ng/ul	98
21) Isophorone	9.58	82	2953938	84.49	ng/ul	99
23) 2-Nitrophenol	9.76	139	635755	98.24	ng/ul	96
24) 2,4-Dimethylphenol	9.82	107	1586372	87.33	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.06	93	1605716	81.04	ng/ul	99
27) 2,4-Dichlorophenol	10.29	162	1172641	87.67	ng/ul	95
28) Naphthalene	10.70	128	3670569	84.01	ng/ul	100
30) 4-Chloroaniline	10.80	127	1350499m	110.13	ng/ul	
31) Hexachlorobutadiene	10.98	225	809994	87.86	ng/ul	97
32) Caprolactam	11.59	113	400035m	83.75	ng/ul	
33) 4-Chloro-3-methylphenol	11.93	107	1466224	88.72	ng/ul	99
34) 2-Methylnaphthalene	12.31	142	2679930	81.77	ng/ul	99

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
Data File : BM000055.D
Acq On : 29 Dec 2014 12:20
Operator : TP
Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 29 13:03:50 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 29 11:57:04 2014
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD08005

Manual Integrations APPROVED
apatel
1/26/2015 3:55:27 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	1402541	87.55	ng/ul	98
37) Hexachlorocyclopentadiene	12.65	237	969341	90.88	ng/ul	98
38) 2,4,6-Trichlorophenol	12.92	196	967078	90.53	ng/ul	100
39) 2,4,5-Trichlorophenol	12.98	196	1030533	90.12	ng/ul	99
40) 1,1'-Biphenyl	13.32	154	3579248	84.87	ng/ul	98
41) 2-Chloronaphthalene	13.36	162	2782320	85.64	ng/ul	99
42) 2-Nitroaniline	13.57	65	1047893	107.86	ng/ul	99
44) Dimethylphthalate	13.95	163	3741090	86.19	ng/ul	99
45) 2,6-Dinitrotoluene	14.07	165	763162	104.75	ng/ul	97
47) Acenaphthylene	14.21	152	4635645	84.59	ng/ul	99
48) 3-Nitroaniline	14.39	138	695083	98.13	ng/ul	99
49) Acenaphthene	14.55	153	2977200	83.93	ng/ul	99
50) 2,4-Dinitrophenol	14.60	184	399565	110.62	ng/ul	97
52) 4-Nitrophenol	14.70	109	857105	100.93	ng/ul	98
53) Dibenzofuran	14.88	168	4240160	84.07	ng/ul	93
54) 2,4-Dinitrotoluene	14.85	165	1114598	104.52	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	15.11	232	895567	89.45	ng/ul	97
56) Diethylphthalate	15.32	149	3956798	85.41	ng/ul	99
58) Fluorene	15.53	166	3458529	82.54	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.53	204	1724886	85.91	ng/ul	94
60) 4-Nitroaniline	15.57	138	764962	83.75	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.61	198	605028	99.39	ng/ul#	90
64) N-Nitrosodiphenylamine	15.74	169	3043846	82.46	ng/ul	100
65) 4-Bromophenyl-phenylether	16.43	248	1081669	83.53	ng/ul	94
66) Hexachlorobenzene	16.54	284	1232840	82.61	ng/ul	93
67) Atrazine	16.70	200	1213956	115.88	ng/ul	99
68) Pentachlorophenol	16.87	266	807889m	89.04	ng/ul	
69) Phenanthrene	17.27	178	5588774	80.65	ng/ul	97
71) Anthracene	17.36	178	5699093	82.04	ng/ul	99
72) Carbazole	17.64	167	5282281	83.03	ng/ul	99
73) Di-n-butylphthalate	18.20	149	6506846	80.51	ng/ul	98
74) Fluoranthene	19.28	202	6568615	84.03	ng/ul	97
77) Pyrene	19.65	202	6704558	85.06	ng/ul#	94
78) Butylbenzylphthalate	20.55	149	3161489	92.21	ng/ul	93
79) 3,3'-Dichlorobenzidine	21.33	252	2018725	83.54	ng/ul#	99
80) Benzo(a)anthracene	21.40	228	6458063	86.22	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.33	149	4471133	87.75	ng/ul	99
82) Chrysene	21.45	228	5688437	83.10	ng/ul	97
84) Di-n-octyl phthalate	22.23	149	7323058	90.36	ng/ul	100
85) Benzo(b)fluoranthene	23.03	252	6658655	90.68	ng/ul	100
86) Benzo(k)fluoranthene	23.08	252	5125751	83.73	ng/ul	99
88) Benzo(a)pyrene	23.63	252	5461499	85.23	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.07	276	5471355	80.99	ng/ul	98
90) Dibenzo(a,h)anthracene	26.08	278	4624071	81.72	ng/ul	98
91) Benzo(g,h,i)perylene	26.79	276	4484552	81.16	ng/ul	99

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

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122914\
Data File : BM000055.D
Acq On : 29 Dec 2014 12:20
Operator : TP
Sample : SSTD08005
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 29 13:03:50 2014
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 29 11:57:04 2014
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTD08005

Manual Integrations APPROVED
apatel
1/26/2015 3:55:27 PM