Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\Data\BM012015\
Data File : BM000304.D
Acq On : 21 Jan 2015 17:02
Operator : TP/IZ
Sample : SSTD02041
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
LabSampleId :
SSTD02041

Manual Integrations APPROVED
apatel
1/22/2015 5:10:04 PM

Quant Time: Jan 22 04:10:51 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM122914.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 22 04:03:17 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	108190	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	420972	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	273002	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	541254	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	639157	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	624419	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	18776	10.06	ng/uL	0.00
5) Phenol-d5	6.98	99	167784	18.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	121063	21.04	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	128294	19.22	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	127267	17.58	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	63512	21.82	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	62464	21.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	124796	19.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	154038	20.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	376629	18.70	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	474673	19.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.64	143	53090	16.20	ng/ul	0.00
57) Fluorene-d10	15.44	176	329289	19.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	44566	17.37	ng/ul	0.00
70) Anthracene-d10	17.30	188	515015	20.58	ng/ul	0.00
76) Pyrene-d10	19.59	212	566372	19.21	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.53	264	575132	20.29	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.35	88	26285	10.16	ng/uL	97
4) Benzaldehyde	6.96	77	144471	22.79	ng/ul	99
6) Phenol	7.01	94	181648	18.92	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.25	93	148444	19.92	ng/ul	96
10) 2-Chlorophenol	7.38	128	128581	18.41	ng/ul	92
11) 2-Methylphenol	8.26	108	131655	17.81	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.35	45	264787	21.62	ng/ul	97
14) Acetophenone	8.63	105	241571	18.99	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.62	70	122527	18.52	ng/ul	88
16) 4-Methylphenol	8.58	108	139826	17.52	ng/ul	98
17) Hexachloroethane	8.89	117	70751	22.18	ng/ul	90
20) Nitrobenzene	9.02	77	210749	24.28	ng/ul	96
21) Isophorone	9.53	82	329653	19.70	ng/ul	97
23) 2-Nitrophenol	9.72	139	66723	20.33	ng/ul#	84
24) 2,4-Dimethylphenol	9.78	107	173557	19.49	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.02	93	180415	19.37	ng/ul#	97
27) 2,4-Dichlorophenol	10.25	162	123223	18.81	ng/ul	93
28) Naphthalene	10.66	128	423872	19.75	ng/ul	98
30) 4-Chloroaniline	10.77	127	158923	20.73	ng/ul	97
31) Hexachlorobutadiene	10.95	225	102675	22.10	ng/ul	95
32) Caprolactam	11.52	113	31761m	14.99	ng/ul	
33) 4-Chloro-3-methylphenol	11.89	107	142780	17.76	ng/ul	99
34) 2-Methylnaphthalene	12.27	142	300156	18.86	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	163029	21.54 ng/ul#	94
37) Hexachlorocyclopentadiene	12.62	237	101753	21.61 ng/ul	97
38) 2,4,6-Trichlorophenol	12.88	196	92595	19.18 ng/ul	99
39) 2,4,5-Trichlorophenol	12.95	196	99030	18.88 ng/ul	95
40) 1,1'-Biphenyl	13.29	154	394106	20.03 ng/ul	97
41) 2-Chloronaphthalene	13.33	162	305460	20.25 ng/ul	99
42) 2-Nitroaniline	13.53	65	97901	19.05 ng/ul	90
44) Dimethylphthalate	13.91	163	374119	18.65 ng/ul	99
45) 2,6-Dinitrotoluene	14.03	165	69580	19.40 ng/ul#	81
47) Acenaphthylene	14.17	152	499413	19.64 ng/ul	99
48) 3-Nitroaniline	14.36	138	69936	18.37 ng/ul	97
49) Acenaphthene	14.52	153	320622	19.78 ng/ul	99
50) 2,4-Dinitrophenol	14.56	184	25919	14.81 ng/ul#	87
52) 4-Nitrophenol	14.66	109	83699	19.26 ng/ul	90
53) Dibenzofuran	14.85	168	470334	20.04 ng/ul	89
54) 2,4-Dinitrotoluene	14.82	165	108118	20.20 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	15.08	232	85271	18.85 ng/ul	94
56) Diethylphthalate	15.27	149	392515	18.62 ng/ul	100
58) Fluorene	15.50	166	380070	19.51 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.50	204	192563	20.04 ng/ul	99
60) 4-Nitroaniline	15.52	138	75389	17.68 ng/ul	86
63) 4,6-Dinitro-2-methylphenol	15.58	198	48218	18.25 ng/ul#	92
64) N-Nitrosodiphenylamine	15.71	169	313322	19.96 ng/ul	98
65) 4-Bromophenyl-phenylether	16.39	248	115613	20.96 ng/ul	89
66) Hexachlorobenzene	16.50	284	135152	21.25 ng/ul	98
67) Atrazine	16.66	200	106709	17.49 ng/ul	99
68) Pentachlorophenol	16.85	266	63660	16.62 ng/ul	97
69) Phenanthrene	17.24	178	614101	20.96 ng/ul	98
71) Anthracene	17.33	178	621576	20.63 ng/ul	99
72) Carbazole	17.60	167	535936	19.69 ng/ul	97
73) Di-n-butylphthalate	18.16	149	617310	19.07 ng/ul#	97
74) Fluoranthene	19.26	202	705716	20.61 ng/ul	99
77) Pyrene	19.62	202	762053	19.78 ng/ul	99
78) Butylbenzylphthalate	20.52	149	249572	15.94 ng/ul	89
79) 3,3'-Dichlorobenzidine	21.30	252	192287	17.06 ng/ul	98
80) Benzo(a)anthracene	21.37	228	739792	20.05 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.30	149	385408	16.92 ng/ul	97
82) Chrysene	21.43	228	710137	20.88 ng/ul	99
84) Di-n-octyl phthalate	22.19	149	686281	16.93 ng/ul	100
85) Benzo(b)fluoranthene	22.99	252	736589	18.49 ng/ul	99
86) Benzo(k)fluoranthene	23.03	252	736723	21.66 ng/ul	98
88) Benzo(a)pyrene	23.57	252	726016	20.74 ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.99	276	838084	22.95 ng/ul	96
90) Dibenzo(a,h)anthracene	26.00	278	701821	22.82 ng/ul	98
91) Benzo(g,h,i)perylene	26.70	276	705783	23.52 ng/ul	99

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

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