Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM011017\
Data File : BM008762.D
Acq On : 10 Jan 2017 05:12
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 10 05:57:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM010617.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 10 05:39:40 2017
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD02064

Manual Integrations APPROVED
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1/10/2017 9:58:14 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	84886	20.00	ng/ul	0.00
18) Naphthalene-d8	10.76	136	366624	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.58	164	301067	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.33	188	714052m	20.00	ng/ul	0.00
75) Chrysene-d12	21.49	240	893820	20.00	ng/ul	0.00
83) Perylene-d12	23.85	264	837628	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	13196	7.18	ng/uL	0.00
5) Phenol-d5	7.10	99	140898	20.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.28	67	99177	20.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.48	132	95112	19.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.65	113	105090	19.43	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	45130	19.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.83	143	53136	21.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.37	165	113159	19.99	ng/ul	0.00
29) 4-Chloroaniline-d4	10.89	131	130560	20.82	ng/ul	0.00
43) Dimethylphthalate-d6	13.99	166	390964	19.68	ng/ul	0.00
46) Acenaphthylene-d8	14.27	160	462113	19.73	ng/ul	0.00
51) 4-Nitrophenol-d4	14.76	143	61151	18.82	ng/ul	0.00
57) Fluorene-d10	15.57	176	365825	19.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.69	200	73828	20.06	ng/ul	0.00
70) Anthracene-d10	17.42	188	605128	19.67	ng/ul	0.00
76) Pyrene-d10	19.71	212	731286	18.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.70	264	679361	19.89	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.44	88	18004	8.24	ng/uL#	60
4) Benzaldehyde	7.10	77	118152	23.25	ng/ul	85
6) Phenol	7.13	94	146382	19.53	ng/ul#	67
8) Bis(2-Chloroethyl)ether	7.37	93	110000	20.02	ng/ul#	84
10) 2-Chlorophenol	7.52	128	95296	19.16	ng/ul#	75
11) 2-Methylphenol	8.38	108	105067	19.08	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.49	45	183842	21.62	ng/ul#	92
14) Acetophenone	8.77	105	191510	20.15	ng/ul#	78
15) N-Nitroso-di-n-propylamine	8.76	70	111419	20.65	ng/ul#	72
16) 4-Methylphenol	8.71	108	115347	19.40	ng/ul	95
17) Hexachloroethane	9.03	117	54404	20.63	ng/ul	86
20) Nitrobenzene	9.16	77	170418	21.22	ng/ul#	88
21) Isophorone	9.69	82	288621	20.32	ng/ul#	93
23) 2-Nitrophenol	9.87	139	55913	21.25	ng/ul#	38
24) 2,4-Dimethylphenol	9.92	107	155364	20.85	ng/ul	88
25) Bis(2-Chloroethoxy)methane	10.16	93	154740	20.59	ng/ul	99
27) 2,4-Dichlorophenol	10.39	162	112645	20.09	ng/ul#	88
28) Naphthalene	10.81	128	326267	19.47	ng/ul	98
30) 4-Chloroaniline	10.92	127	136046	21.16	ng/ul	93
31) Hexachlorobutadiene	11.08	225	101360	20.17	ng/ul	95
32) Caprolactam	11.69	113	33416m	19.48	ng/ul	
33) 4-Chloro-3-methylphenol	12.02	107	141731	21.04	ng/ul	96
34) 2-Methylnaphthalene	12.41	142	262058	20.18	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.77	216	182838	20.27 ng/ul#	97
37) Hexachlorocyclopentadiene	12.75	237	118554	18.47 ng/ul	98
38) 2,4,6-Trichlorophenol	13.01	196	106591	19.56 ng/ul	98
39) 2,4,5-Trichlorophenol	13.08	196	116927	19.91 ng/ul	94
40) 1,1'-Biphenyl	13.42	154	365611	19.36 ng/ul	97
41) 2-Chloronaphthalene	13.46	162	291384	19.66 ng/ul	95
42) 2-Nitroaniline	13.66	65	118728	23.03 ng/ul#	77
44) Dimethylphthalate	14.03	163	385195	19.40 ng/ul	99
45) 2,6-Dinitrotoluene	14.16	165	72401	20.89 ng/ul#	71
47) Acenaphthylene	14.31	152	438837	19.10 ng/ul	98
48) 3-Nitroaniline	14.49	138	70408	20.05 ng/ul	90
49) Acenaphthene	14.65	153	305855	19.25 ng/ul	96
50) 2,4-Dinitrophenol	14.69	184	42084	17.48 ng/ul#	64
52) 4-Nitrophenol	14.77	109	111329	20.60 ng/ul#	69
53) Dibenzofuran	14.98	168	467466	19.34 ng/ul	93
54) 2,4-Dinitrotoluene	14.94	165	108897	20.74 ng/ul#	82
55) 2,3,4,6-Tetrachlorophenol	15.20	232	112862	20.33 ng/ul	94
56) Diethylphthalate	15.40	149	419556	20.08 ng/ul	95
58) Fluorene	15.63	166	395708	19.97 ng/ul	96
59) 4-Chlorophenyl-phenylether	15.62	204	226739	20.18 ng/ul	94
60) 4-Nitroaniline	15.65	138	79566	20.73 ng/ul#	25
63) 4,6-Dinitro-2-methylphenol	15.70	198	75566	19.41 ng/ul#	86
64) N-Nitrosodiphenylamine	15.83	169	349577	19.50 ng/ul	97
65) 4-Bromophenyl-phenylether	16.52	248	150548	20.35 ng/ul	94
66) Hexachlorobenzene	16.62	284	158815	19.18 ng/ul#	91
67) Atrazine	16.78	200	150984	18.96 ng/ul#	94
68) Pentachlorophenol	16.96	266	101545	19.49 ng/ul	100
69) Phenanthrene	17.37	178	684987m	19.93 ng/ul	
71) Anthracene	17.46	178	696423	19.71 ng/ul	99
72) Carbazole	17.73	167	605312	19.25 ng/ul	98
73) Di-n-butylphthalate	18.28	149	708390	19.17 ng/ul#	97
74) Fluoranthene	19.37	202	869910	19.68 ng/ul#	94
77) Pyrene	19.74	202	902593	18.77 ng/ul#	93
78) Butylbenzylphthalate	20.63	149	328968	18.60 ng/ul	95
79) 3,3'-Dichlorobenzidine	21.40	252	330531	19.40 ng/ul	98
80) Benzo(a)anthracene	21.47	228	942243	19.89 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.39	149	447478	18.08 ng/ul	97
82) Chrysene	21.53	228	877812	19.96 ng/ul	99
84) Di-n-octyl phthalate	22.30	149	770744	17.67 ng/ul#	86
85) Benzo(b)fluoranthene	23.13	252	906488	20.30 ng/ul#	97
86) Benzo(k)fluoranthene	23.18	252	837600	19.40 ng/ul#	98
88) Benzo(a)pyrene	23.74	252	848534	19.92 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.27	276	924629	19.14 ng/ul#	93
90) Dibenzo(a,h)anthracene	26.28	278	784230	19.00 ng/ul#	93
91) Benzo(g,h,i)perylene	27.00	276	765756	18.69 ng/ul#	94

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

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