Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092915\
Data File : BM002801.D
Acq On : 01 Oct 2015 02:50
Operator : UM/IZ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02098

Manual Integrations APPROVED
MMDadoda
10/1/2015 4:44:31 PM

Quant Time: Oct 01 09:05:25 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM092915.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 01 07:01:42 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.70	152	78149	20.00	ng/ul	0.00
18) Naphthalene-d8	11.56	136	313647	20.00	ng/ul	0.00
36) Acenaphthene-d10	15.30	164	143578	20.00	ng/ul	0.00
62) Phenanthrene-d10	18.01	188	267184	20.00	ng/ul	0.00
78) Chrysene-d12	22.10	240	264340	20.00	ng/ul	0.00
86) Perylene-d12	24.69	264	281029	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.77	96	13515	8.03	ng/uL	0.00
5) Phenol-d5	7.82	99	118695	20.05	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.99	67	66684	20.02	ng/ul	0.00
9) 2-Chlorophenol-d4	8.22	132	110639	20.07	ng/ul	0.00
13) 4-Methylphenol-d8	9.40	113	96241	19.71	ng/ul	0.00
19) Nitrobenzene-d5	9.90	128	49779	20.81	ng/ul	0.00
22) 2-Nitrophenol-d4	10.63	143	51029	20.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.17	165	88418m	20.04	ng/ul	0.00
29) 4-Chloroaniline-d4	11.69	131	103494	19.49	ng/ul	0.00
44) Dimethylphthalate-d6	14.67	166	217264	20.11	ng/ul	0.00
47) Acenaphthylene-d8	15.00	160	292811	20.31	ng/ul	0.00
52) 4-Nitrophenol-d4	15.47	143	33158	17.29	ng/ul	0.00
58) Fluorene-d10	16.27	176	190985	19.63	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	16.40	200	14597	11.20	ng/ul	0.00
71) Anthracene-d10	18.11	188	255229	20.02	ng/ul	0.00
79) Pyrene-d10	20.34	212	247326	20.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.53	264	288505	20.07	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.81	88	14198	7.63	ng/uL	98
4) Benzaldehyde	7.82	77	69098	20.80	ng/ul	97
6) Phenol	7.85	94	123419	20.17	ng/ul	98
8) Bis(2-Chloroethyl)ether	8.09	93	96935	20.12	ng/ul	98
10) 2-Chlorophenol	8.25	128	111953	20.02	ng/ul	97
11) 2-Methylphenol	9.14	108	93465	19.78	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	9.23	45	131196	19.76	ng/ul	99
14) Acetophenone	9.54	105	144374	19.66	ng/ul	100
15) N-Nitroso-di-n-propylamine	9.50	70	66682	19.31	ng/ul	100
16) 4-Methylphenol	9.47	108	99381	19.50	ng/ul	96
17) Hexachloroethane	9.81	117	40657	19.40	ng/ul	93
20) Nitrobenzene	9.94	77	96169	20.31	ng/ul	99
21) Isophorone	10.46	82	176289	19.60	ng/ul	99
23) 2-Nitrophenol	10.66	139	56274	20.37	ng/ul	99
24) 2,4-Dimethylphenol	10.69	107	102183	20.17	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.93	93	118124	20.02	ng/ul	99
27) 2,4-Dichlorophenol	11.20	162	88141	19.86	ng/ul	99
28) Naphthalene	11.62	128	323969	20.23	ng/ul	99
30) 4-Chloroaniline	11.71	127	106544	19.44	ng/ul	98
31) Hexachlorobutadiene	11.86	225	53343	20.53	ng/ul	98
32) Caprolactam	12.46	113	26435	18.81	ng/ul	96
33) 4-Chloro-3-methylphenol	12.79	107	85046	19.12	ng/ul	99
34) 2-Methylnaphthalene	13.17	142	216292	19.41	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	13.39	142	209525	19.35	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	13.53	216	94830	21.15	ng/ul	98
38) Hexachlorocyclopentadiene	13.49	237	2828	2.16	ng/ul#	88
39) 2,4,6-Trichlorophenol	13.76	196	58952	20.99	ng/ul	99
40) 2,4,5-Trichlorophenol	13.83	196	61747	20.58	ng/ul	99
41) 1,1'-Biphenyl	14.14	154	256421	20.90	ng/ul	99
42) 2-Chloronaphthalene	14.20	162	194456	20.74	ng/ul	100
43) 2-Nitroaniline	14.39	65	45005	20.10	ng/ul	96
45) Dimethylphthalate	14.72	163	221210	20.14	ng/ul	99
46) 2,6-Dinitrotoluene	14.87	165	45798	20.40	ng/ul	98
48) Acenaphthylene	15.03	152	308945	20.32	ng/ul	100
49) 3-Nitroaniline	15.20	138	47797	20.57	ng/ul	96
50) Acenaphthene	15.36	153	202486	20.17	ng/ul	99
51) 2,4-Dinitrophenol	15.43	184	4778	6.07	ng/ul	96
53) 4-Nitrophenol	15.49	109	18840	17.34	ng/ul	96
54) Dibenzofuran	15.69	168	270118	19.85	ng/ul	100
55) 2,4-Dinitrotoluene	15.65	165	61689	19.44	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	15.91	232	41615	18.70	ng/ul	99
57) Diethylphthalate	16.05	149	221419	20.07	ng/ul	99
59) Fluorene	16.33	166	219394	19.65	ng/ul	100
60) 4-Chlorophenyl-phenylether	16.30	204	102336	19.87	ng/ul	99
61) 4-Nitroaniline	16.34	138	52887	20.91	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	16.42	198	15898	11.51	ng/ul	98
65) N-Nitrosodiphenylamine	16.51	169	182669	20.82	ng/ul	100
66) 4-Bromophenyl-phenylether	17.19	248	58085	20.95	ng/ul	98
67) Hexachlorobenzene	17.32	284	63579	20.13	ng/ul	98
68) Atrazine	17.43	200	61129	20.81	ng/ul	99
69) Pentachlorophenol	17.66	266	18303m	15.15	ng/ul	
70) Phenanthrene	18.06	178	310574	20.09	ng/ul	100
72) Anthracene	18.14	178	317240	20.17	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	14.12	216	89126	22.12	ng/uL	98
74) Pentachlorobenzene	15.61	250	79193	21.13	ng/uL	99
75) Carbazole	18.40	167	281605	20.50	ng/ul	99
76) Di-n-butylphthalate	18.89	149	363034	20.68	ng/ul	100
77) Fluoranthene	20.01	202	323030	20.24	ng/ul	99
80) Pyrene	20.37	202	334236	19.91	ng/ul	99
81) Butylbenzylphthalate	21.17	149	154933	20.49	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.99	252	107473	21.92	ng/ul	99
83) Benzo(a)anthracene	22.08	228	317300	20.19	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.91	149	230035	20.26	ng/ul	100
85) Chrysene	22.14	228	296077	19.97	ng/ul	99
87) Di-n-octyl phthalate	22.89	149	397319	19.82	ng/ul	100
88) Benzo(b)fluoranthene	23.89	252	343189	20.33	ng/ul	99
89) Benzo(k)fluoranthene	23.94	252	305072	19.09	ng/ul	98
91) Benzo(a)pyrene	24.58	252	324817	20.03	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	27.43	276	389820	20.60	ng/ul	98
93) Dibenzo(a,h)anthracene	27.43	278	327485	20.50	ng/ul	100
94) Benzo(g,h,i)perylene	28.28	276	329055	20.66	ng/ul	98

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

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