Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121316\
Data File : BM008285.D
Acq On : 13 Dec 2016 22:38
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 14 02:40:32 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 14 02:14:07 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD02042

Manual Integrations APPROVED
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12/14/2016 6:15:00 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	105818	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	414076	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.31	164	274364	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	557767	20.00	ng/ul	0.00
77) Chrysene-d12	21.26	240	720042	20.00	ng/ul	0.00
85) Perylene-d12	23.49	264	711664	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.24	96	19229	8.55	ng/uL	0.00
5) Phenol-d5	6.86	99	165254	20.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	99951	21.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	130842	21.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	130242	20.58	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	61913	20.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	71896	21.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	131512	21.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	153863	22.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	395110	21.92	ng/ul	0.00
46) Acenaphthylene-d8	14.00	160	469211	21.75	ng/ul	0.00
51) 4-Nitrophenol-d4	14.56	143	50452	18.61	ng/ul	0.00
57) Fluorene-d10	15.31	176	344338	21.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.47	200	63197	19.40	ng/ul	0.00
70) Anthracene-d10	17.16	188	528633	21.68	ng/ul	0.00
78) Pyrene-d10	19.47	212	605556	21.61	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.35	264	656940	21.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.27	88	21914	8.02	ng/uL	93
4) Benzaldehyde	6.84	77	124245	22.88	ng/ul	90
6) Phenol	6.89	94	172498	20.48	ng/ul#	90
8) Bis(2-Chloroethyl)ether	7.11	93	134159	20.98	ng/ul	91
10) 2-Chlorophenol	7.25	128	132705	21.34	ng/ul	93
11) 2-Methylphenol	8.12	108	127091	20.56	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.20	45	155088	21.48	ng/ul	95
14) Acetophenone	8.50	105	213192	20.77	ng/ul#	88
15) N-Nitroso-di-n-propylamine	8.48	70	113059	21.47	ng/ul	96
16) 4-Methylphenol	8.45	108	138502	20.72	ng/ul	99
17) Hexachloroethane	8.73	117	60346	21.23	ng/ul	91
20) Nitrobenzene	8.87	77	169932	21.75	ng/ul	90
21) Isophorone	9.39	82	297728	21.48	ng/ul	96
23) 2-Nitrophenol	9.58	139	73246	21.29	ng/ul#	88
24) 2,4-Dimethylphenol	9.64	107	163725	21.44	ng/ul	92
25) Bis(2-Chloroethoxy)methane	9.87	93	169617	21.08	ng/ul	98
27) 2,4-Dichlorophenol	10.12	162	129826	21.15	ng/ul	98
28) Naphthalene	10.50	128	422730	21.49	ng/ul	99
30) 4-Chloroaniline	10.63	127	158445	22.54	ng/ul	100
31) Hexachlorobutadiene	10.77	225	107228	21.53	ng/ul	97
32) Caprolactam	11.43	113	38054m	20.17	ng/ul	
33) 4-Chloro-3-methylphenol	11.76	107	139522	21.08	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	304199	21.52	ng/ul	100

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.49	216	188915	21.97 ng/ul	97
37) Hexachlorocyclopentadiene	12.46	237	58394	17.65 ng/ul	96
38) 2,4,6-Trichlorophenol	12.74	196	107048	21.53 ng/ul	99
39) 2,4,5-Trichlorophenol	12.83	196	114160	21.61 ng/ul	96
40) 1,1'-Biphenyl	13.14	154	398439	21.91 ng/ul	99
41) 2-Chloronaphthalene	13.18	162	306219	21.82 ng/ul	98
42) 2-Nitroaniline	13.41	65	89228	21.24 ng/ul#	78
44) Dimethylphthalate	13.78	163	388743	22.02 ng/ul	99
45) 2,6-Dinitrotoluene	13.91	165	75262	21.73 ng/ul#	86
47) Acenaphthylene	14.03	152	479649	21.93 ng/ul	99
48) 3-Nitroaniline	14.25	138	74091	21.81 ng/ul	83
49) Acenaphthene	14.37	153	325680	21.65 ng/ul	97
50) 2,4-Dinitrophenol	14.49	184	36137	18.31 ng/ul	99
52) 4-Nitrophenol	14.57	109	47954	17.73 ng/ul	89
53) Dibenzofuran	14.72	168	478927	22.02 ng/ul	99
54) 2,4-Dinitrotoluene	14.72	165	113029	22.06 ng/ul#	51
55) 2,3,4,6-Tetrachlorophenol	14.95	232	106720	21.59 ng/ul	91
56) Diethylphthalate	15.14	149	384747	21.75 ng/ul	97
58) Fluorene	15.37	166	391707	22.02 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.36	204	208412	21.86 ng/ul	90
60) 4-Nitroaniline	15.42	138	69832m	22.54 ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.49	198	66651	19.85 ng/ul#	94
64) N-Nitrosodiphenylamine	15.58	169	332739	21.71 ng/ul	99
65) 4-Bromophenyl-phenylether	16.26	248	134423	21.61 ng/ul#	89
66) Hexachlorobenzene	16.37	284	150192	21.63 ng/ul#	86
67) Atrazine	16.54	200	129563	20.82 ng/ul	94
68) Pentachlorophenol	16.73	266	71511	18.81 ng/ul	99
69) Phenanthrene	17.11	178	617531	21.47 ng/ul	100
71) Anthracene	17.20	178	628820	21.64 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.10	216	178711	21.40 ng/uL	97
73) Pentachlorobenzene	14.63	250	186125	22.06 ng/uL	99
74) Carbazole	17.49	167	532935	20.95 ng/ul	99
75) Di-n-butylphthalate	18.03	149	615259	21.08 ng/ul	99
76) Fluoranthene	19.13	202	735253	21.08 ng/ul#	95
79) Pyrene	19.50	202	776373	21.67 ng/ul#	93
80) Butylbenzylphthalate	20.40	149	279188	21.09 ng/ul	93
81) 3,3'-Dichlorobenzidine	21.19	252	273195	22.21 ng/ul#	96
82) Benzo(a)anthracene	21.25	228	803850	21.49 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	408140	21.03 ng/ul#	96
84) Chrysene	21.30	228	780308	21.70 ng/ul	99
86) Di-n-octyl phthalate	22.04	149	720300	20.72 ng/ul	97
87) Benzo(b)fluoranthene	22.83	252	830245	21.84 ng/ul#	97
88) Benzo(k)fluoranthene	22.87	252	821784	22.27 ng/ul#	97
90) Benzo(a)pyrene	23.40	252	819838	22.27 ng/ul#	96
91) Indeno(1,2,3-cd)pyrene	25.73	276	986292	21.84 ng/ul#	88
92) Dibenzo(a,h)anthracene	25.74	278	828663	21.81 ng/ul#	94
93) Benzo(g,h,i)perylene	26.41	276	824333	21.92 ng/ul#	89

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

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