Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080416\
Data File : BM006891.D
Acq On : 05 Aug 2016 07:50
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 05 08:26:58 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 05 02:18:21 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : SSTD02056

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	302439	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.33	136	1191981	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	725875	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	1721262	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	2022735	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	1860021	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	51725	9.40	ng/uL	0.00
5) Phenol-d5	6.78	99	471084	21.16	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.91	67	308324	20.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	381325	21.68	ng/ul	-0.01
13) 4-Methylphenol-d8	8.30	113	364626	20.14	ng/ul	-0.02
19) Nitrobenzene-d5	8.73	128	179622	22.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	206484	21.28	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	385447	19.21	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.50	131	450449m	21.73	ng/ul	-0.01
43) Dimethylphthalate-d6	13.64	166	1209859	20.23	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	1489500	20.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	260554m	19.88	ng/ul	0.00
57) Fluorene-d10	15.22	176	1044721	18.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	195391	17.39	ng/ul	0.00
70) Anthracene-d10	17.07	188	1664951	20.14	ng/ul	0.00
76) Pyrene-d10	19.38	212	1899748	18.36	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	1803375	19.91	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	55013	8.99	ng/uL#	80
4) Benzaldehyde	6.73	77	346469m	23.16	ng/ul	
6) Phenol	6.81	94	480281	20.37	ng/ul	90
8) Bis(2-Chloroethyl)ether	7.00	93	352545	20.94	ng/ul	94
10) 2-Chlorophenol	7.14	128	396305	22.36	ng/ul	96
11) 2-Methylphenol	8.04	108	360683	19.75	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.09	45	715876	19.25	ng/ul	99
14) Acetophenone	8.39	105	645325	20.07	ng/ul#	78
15) N-Nitroso-di-n-propylamine	8.37	70	334045	20.99	ng/ul#	93
16) 4-Methylphenol	8.37	108	395570	19.89	ng/ul	99
17) Hexachloroethane	8.62	117	189926	20.57	ng/ul#	80
20) Nitrobenzene	8.77	77	530230	20.63	ng/ul	94
21) Isophorone	9.28	82	869450	21.40	ng/ul	98
23) 2-Nitrophenol	9.47	139	216571	21.35	ng/ul	91
24) 2,4-Dimethylphenol	9.55	107	502257	20.01	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.77	93	468349	21.26	ng/ul	97
27) 2,4-Dichlorophenol	10.02	162	382311	20.03	ng/ul#	86
28) Naphthalene	10.39	128	1233334	20.83	ng/ul	96
30) 4-Chloroaniline	10.53	127	473659	22.65	ng/ul	97
31) Hexachlorobutadiene	10.66	225	319697	17.79	ng/ul	98
32) Caprolactam	11.35	113	103018m	19.11	ng/ul	
33) 4-Chloro-3-methylphenol	11.69	107	410348	19.36	ng/ul	93
34) 2-Methylnaphthalene	12.01	142	944651	19.79	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	549868	19.22 ng/ul	93
37) Hexachlorocyclopentadiene	12.35	237	235951	14.86 ng/ul#	91
38) 2,4,6-Trichlorophenol	12.66	196	340022	19.42 ng/ul	95
39) 2,4,5-Trichlorophenol	12.75	196	325500	19.33 ng/ul	90
40) 1,1'-Biphenyl	13.04	154	1239092	20.93 ng/ul	97
41) 2-Chloronaphthalene	13.08	162	943628	20.32 ng/ul	97
42) 2-Nitroaniline	13.33	65	353569	20.80 ng/ul	88
44) Dimethylphthalate	13.69	163	1185580	19.95 ng/ul	98
45) 2,6-Dinitrotoluene	13.82	165	239059	20.70 ng/ul	91
47) Acenaphthylene	13.93	152	1520030	20.54 ng/ul	96
48) 3-Nitroaniline	14.17	138	228959m	23.42 ng/ul	
49) Acenaphthene	14.28	153	983253	20.33 ng/ul	98
50) 2,4-Dinitrophenol	14.39	184	108452	15.19 ng/ul	94
52) 4-Nitrophenol	14.53	109	272920	15.46 ng/ul	91
53) Dibenzofuran	14.62	168	1464076	19.54 ng/ul	99
54) 2,4-Dinitrotoluene	14.63	165	370007	20.18 ng/ul#	77
55) 2,3,4,6-Tetrachlorophenol	14.87	232	323024	17.99 ng/ul#	97
56) Diethylphthalate	15.06	149	1258164	20.36 ng/ul	96
58) Fluorene	15.27	166	1210754	19.21 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.27	204	627096	17.73 ng/ul	99
60) 4-Nitroaniline	15.34	138	229696	22.52 ng/ul#	70
63) 4,6-Dinitro-2-methylphenol	15.39	198	208334	17.94 ng/ul	90
64) N-Nitrosodiphenylamine	15.49	169	1028585	20.87 ng/ul	96
65) 4-Bromophenyl-phenylether	16.16	248	410295	19.43 ng/ul	92
66) Hexachlorobenzene	16.27	284	441623	19.27 ng/ul	94
67) Atrazine	16.45	200	401018	19.02 ng/ul	97
68) Pentachlorophenol	16.64	266	208927	16.49 ng/ul	98
69) Phenanthrene	17.02	178	1924209	20.27 ng/ul	98
71) Anthracene	17.10	178	1971930	20.12 ng/ul	98
72) Carbazole	17.40	167	1686477	20.20 ng/ul	99
73) Di-n-butylphthalate	17.94	149	2017529	22.30 ng/ul#	96
74) Fluoranthene	19.04	202	2373552	19.51 ng/ul#	96
77) Pyrene	19.41	202	2447900	18.40 ng/ul#	96
78) Butylbenzylphthalate	20.32	149	954799	20.84 ng/ul	96
79) 3,3'-Dichlorobenzidine	21.11	252	762793	20.56 ng/ul	92
80) Benzo(a)anthracene	21.17	228	2441261	19.81 ng/ul	100
81) Bis(2-ethylhexyl)phthalate	21.09	149	1353596	21.54 ng/ul	96
82) Chrysene	21.22	228	2171327	20.05 ng/ul	98
84) Di-n-octyl phthalate	21.95	149	2283352	19.98 ng/ul#	91
85) Benzo(b)fluoranthene	22.72	252	2417858	20.62 ng/ul#	97
86) Benzo(k)fluoranthene	22.76	252	2229498	19.49 ng/ul#	97
88) Benzo(a)pyrene	23.27	252	2203413	19.79 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.55	276	2658858	20.08 ng/ul#	96
90) Dibenzo(a,h)anthracene	25.56	278	2251495	19.73 ng/ul#	97
91) Benzo(g,h,i)perylene	26.22	276	2167017	20.22 ng/ul#	96

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

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