Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080516\
Data File : BM006934.D
Acq On : 06 Aug 2016 11:47
Operator : UM/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02060

Manual Integrations APPROVED
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8/8/2016 7:03:05 PM

Quant Time: Aug 08 01:53:26 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080316.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 06 00:33:11 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	153289	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.33	136	650558	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	390478	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	864885	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	960277	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	914152	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.10	96	26940	9.66	ng/uL	0.00
5) Phenol-d5	6.77	99	253162m	22.44	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.90	67	171016	22.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	204994	22.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	203696	22.20	ng/ul	-0.01
19) Nitrobenzene-d5	8.72	128	101448	22.81	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.43	143	109745	20.72	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.98	165	210015	19.18	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.50	131	250770	22.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	634975	19.74	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	789845	20.11	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	133424m	18.92	ng/ul	0.00
57) Fluorene-d10	15.21	176	542653	18.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	82543	14.62	ng/ul	0.00
70) Anthracene-d10	17.07	188	841206	20.25	ng/ul	0.00
76) Pyrene-d10	19.37	212	918291	18.69	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	866211	19.46	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.13	88	29451	9.50	ng/uL#	79
4) Benzaldehyde	6.72	77	190632m	25.14	ng/ul	
6) Phenol	6.80	94	274546	22.97	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.00	93	204336	23.94	ng/ul	94
10) 2-Chlorophenol	7.13	128	210271	23.41	ng/ul	98
11) 2-Methylphenol	8.03	108	208974	22.58	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.09	45	397232	21.08	ng/ul	99
14) Acetophenone	8.39	105	356686	21.89	ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.36	70	195809	24.28	ng/ul#	87
16) 4-Methylphenol	8.36	108	217597	21.58	ng/ul	89
17) Hexachloroethane	8.61	117	100940	21.57	ng/ul#	73
20) Nitrobenzene	8.76	77	311176	22.18	ng/ul#	94
21) Isophorone	9.27	82	515464	23.25	ng/ul	97
23) 2-Nitrophenol	9.46	139	125186	22.61	ng/ul#	91
24) 2,4-Dimethylphenol	9.55	107	279325	20.39	ng/ul	91
25) Bis(2-Chloroethoxy)methane	9.76	93	280895	23.36	ng/ul	97
27) 2,4-Dichlorophenol	10.01	162	213487	20.50	ng/ul#	91
28) Naphthalene	10.38	128	680782	21.07	ng/ul	98
30) 4-Chloroaniline	10.52	127	258935	22.69	ng/ul	98
31) Hexachlorobutadiene	10.65	225	164384	16.76	ng/ul	94
32) Caprolactam	11.32	113	58447m	19.87	ng/ul	
33) 4-Chloro-3-methylphenol	11.67	107	241299	20.86	ng/ul	98
34) 2-Methylnaphthalene	12.00	142	506238	19.43	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.38	216	291695	18.95	ng/ul	92
37) Hexachlorocyclopentadiene	12.35	237	95850	11.22	ng/ul#	93
38) 2,4,6-Trichlorophenol	12.64	196	179887	19.10	ng/ul	92
39) 2,4,5-Trichlorophenol	12.74	196	175027	19.32	ng/ul	91
40) 1,1'-Biphenyl	13.03	154	652455	20.48	ng/ul	97
41) 2-Chloronaphthalene	13.07	162	503531	20.16	ng/ul	98
42) 2-Nitroaniline	13.32	65	197978	21.65	ng/ul	96
44) Dimethylphthalate	13.68	163	638359	19.97	ng/ul	100
45) 2,6-Dinitrotoluene	13.82	165	124987	20.12	ng/ul	96
47) Acenaphthylene	13.93	152	817333	20.53	ng/ul	96
48) 3-Nitroaniline	14.16	138	118394	22.52	ng/ul#	71
49) Acenaphthene	14.27	153	531180	20.42	ng/ul	97
50) 2,4-Dinitrophenol	14.40	184	38891	10.13	ng/ul#	90
52) 4-Nitrophenol	14.53	109	130275	13.72	ng/ul	94
53) Dibenzofuran	14.62	168	768763	19.07	ng/ul	99
54) 2,4-Dinitrotoluene	14.62	165	186551	18.91	ng/ul	82
55) 2,3,4,6-Tetrachlorophenol	14.86	232	164180	16.99	ng/ul#	95
56) Diethylphthalate	15.05	149	648006	19.49	ng/ul	96
58) Fluorene	15.27	166	639087	18.85	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.26	204	331106	17.40	ng/ul	97
60) 4-Nitroaniline	15.33	138	117294	21.38	ng/ul#	62
63) 4,6-Dinitro-2-methylphenol	15.39	198	85889	14.72	ng/ul	97
64) N-Nitrosodiphenylamine	15.49	169	530542	21.42	ng/ul	98
65) 4-Bromophenyl-phenylether	16.16	248	206692	19.48	ng/ul	95
66) Hexachlorobenzene	16.27	284	227758	19.78	ng/ul	96
67) Atrazine	16.44	200	202336	19.10	ng/ul	97
68) Pentachlorophenol	16.64	266	98535	15.48	ng/ul	94
69) Phenanthrene	17.01	178	972605	20.39	ng/ul	99
71) Anthracene	17.10	178	993395	20.17	ng/ul	99
72) Carbazole	17.39	167	834260	19.89	ng/ul	99
73) Di-n-butylphthalate	17.94	149	1046852	23.03	ng/ul	98
74) Fluoranthene	19.04	202	1133294	18.54	ng/ul#	92
77) Pyrene	19.40	202	1180783	18.70	ng/ul#	92
78) Butylbenzylphthalate	20.31	149	477341	21.95	ng/ul	96
79) 3,3'-Dichlorobenzidine	21.10	252	348661	19.80	ng/ul	96
80) Benzo(a)anthracene	21.16	228	1149908	19.66	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.09	149	663987	22.26	ng/ul	97
82) Chrysene	21.22	228	1019996	19.84	ng/ul	98
84) Di-n-octyl phthalate	21.95	149	1126264	20.06	ng/ul#	90
85) Benzo(b)fluoranthene	22.71	252	1118599	19.41	ng/ul#	99
86) Benzo(k)fluoranthene	22.76	252	1074551	19.11	ng/ul#	99
88) Benzo(a)pyrene	23.27	252	1076038	19.66	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.54	276	1285503	19.75	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.55	278	1084012	19.32	ng/ul#	96
91) Benzo(g,h,i)perylene	26.22	276	1055963	20.05	ng/ul#	95

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

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