Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018109.D
Acq On : 13 Dec 2018 01:04
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02094

Manual Integrations APPROVED
Sohil
12/13/2018 6:16:27 PM

Quant Time: Dec 13 03:40:40 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 13 02:37:40 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	107624	20.00	ng/ul	0.00
18) Naphthalene-d8	10.31	136	516210	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	274974	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.95	188	638176	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	772824	20.00	ng/ul	0.00
85) Perylene-d12	23.34	264	830240	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	14060	5.98	ng/uL	0.00
5) Phenol-d5	6.73	99	191191	19.45	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	105467	17.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.08	132	155641	20.24	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	160883	20.03	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	77828	19.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	91334	20.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	168077	19.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	151140	20.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	457168	19.16	ng/ul	0.00
46) Acenaphthylene-d8	13.88	160	567141	19.64	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	73600	16.97	ng/ul	0.00
57) Fluorene-d10	15.19	176	395099	19.18	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	81758	17.92	ng/ul	0.00
70) Anthracene-d10	17.05	188	617586	19.44	ng/ul	0.00
78) Pyrene-d10	19.36	212	699513	18.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.20	264	893466	19.84	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	14696m	5.857	ng/uL	
4) Benzaldehyde	6.71	77	31891	17.400	ng/ul#	84
6) Phenol	6.76	94	184837	18.839	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.99	93	142348	18.991	ng/ul	97
10) 2-Chlorophenol	7.11	128	155785	20.274	ng/ul	96
11) 2-Methylphenol	7.99	108	150519	20.108	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.07	45	160150m	18.109	ng/ul	
14) Acetophenone	8.36	105	242399	19.364	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.35	70	123778	18.958	ng/ul#	92
16) 4-Methylphenol	8.32	108	165232	20.427	ng/ul	98
17) Hexachloroethane	8.59	117	59752	19.179	ng/ul	93
20) Nitrobenzene	8.74	77	178153	17.901	ng/ul	94
21) Isophorone	9.26	82	347760	18.784	ng/ul	98
23) 2-Nitrophenol	9.44	139	95656	20.232	ng/ul	91
24) 2,4-Dimethylphenol	9.50	107	191052	19.344	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.74	93	211279	18.649	ng/ul	99
27) 2,4-Dichlorophenol	9.97	162	161755	19.808	ng/ul	98
28) Naphthalene	10.36	128	531020	19.744	ng/ul	98
30) 4-Chloroaniline	10.49	127	157853	20.846	ng/ul	97
31) Hexachlorobutadiene	10.63	225	100394	18.511	ng/ul	98
32) Caprolactam	11.27	113	55999	20.727	ng/ul	93
33) 4-Chloro-3-methylphenol	11.62	107	179844	19.391	ng/ul	99
34) 2-Methylnaphthalene	11.98	142	393689	19.608	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.36	216	198834	21.671 ng/ul	97
37) Hexachlorocyclopentadiene	12.32	237	121023	20.454 ng/ul	97
38) 2,4,6-Trichlorophenol	12.62	196	125777	21.093 ng/ul	96
39) 2,4,5-Trichlorophenol	12.69	196	128886	20.210 ng/ul	98
40) 1,1'-Biphenyl	13.02	154	454956	20.099 ng/ul	99
41) 2-Chloronaphthalene	13.05	162	350757	19.809 ng/ul	98
42) 2-Nitroaniline	13.29	65	86048m	16.688 ng/ul	
44) Dimethylphthalate	13.66	163	439080	18.995 ng/ul	100
45) 2,6-Dinitrotoluene	13.79	165	92616	20.391 ng/ul#	82
47) Acenaphthylene	13.91	152	525735	19.495 ng/ul	98
48) 3-Nitroaniline	14.13	138	88065	20.324 ng/ul#	84
49) Acenaphthene	14.26	153	368971	18.985 ng/ul	98
50) 2,4-Dinitrophenol	14.35	184	50717m	16.469 ng/ul	
52) 4-Nitrophenol	14.45	109	54368m	15.238 ng/ul	
53) Dibenzofuran	14.60	168	529461	19.252 ng/ul	97
54) 2,4-Dinitrotoluene	14.59	165	135856	19.755 ng/ul#	97
55) 2,3,4,6-Tetrachlorophenol	14.83	232	114398	19.455 ng/ul	98
56) Diethylphthalate	15.04	149	443827	18.639 ng/ul	97
58) Fluorene	15.25	166	436029	19.012 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.25	204	221372	18.791 ng/ul	99
60) 4-Nitroaniline	15.30	138	89832	18.648 ng/ul	87
63) 4,6-Dinitro-2-methylphenol	15.36	198	82590	17.566 ng/ul#	90
64) N-Nitrosodiphenylamine	15.47	169	388433	19.769 ng/ul	99
65) 4-Bromophenyl-phenylether	16.14	248	141079	19.346 ng/ul	97
66) Hexachlorobenzene	16.25	284	160986	19.861 ng/ul	95
67) Atrazine	16.44	200	139147	19.093 ng/ul	96
68) Pentachlorophenol	16.61	266	92618	18.366 ng/ul	96
69) Phenanthrene	16.99	178	711872	19.506 ng/ul	99
71) Anthracene	17.09	178	731309	19.594 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	12.97	216	180794	19.991 ng/uL	97
73) Pentachlorobenzene	14.52	250	179153	19.368 ng/uL	97
74) Carbazole	17.37	167	651501	19.810 ng/ul	99
75) Di-n-butylphthalate	17.93	149	790032	19.009 ng/ul	99
76) Fluoranthene	19.02	202	855697	19.934 ng/ul	100
79) Pyrene	19.39	202	879941	18.756 ng/ul	97
80) Butylbenzylphthalate	20.31	149	381889	19.037 ng/ul	92
81) 3,3'-Dichlorobenzidine	21.09	252	316556	19.898 ng/ul	98
82) Benzo(a)anthracene	21.15	228	917131	19.133 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.09	149	561558	18.904 ng/ul	98
84) Chrysene	21.20	228	877173	19.567 ng/ul	98
86) Di-n-octyl phthalate	21.95	149	1003107	17.250 ng/ul	100
87) Benzo(b)fluoranthene	22.69	252	956521	18.535 ng/ul	97
88) Benzo(k)fluoranthene	22.73	252	973335	19.406 ng/ul	99
90) Benzo(a)pyrene	23.24	252	981287	20.051 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.49	276	1130164	21.794 ng/ul	99
92) Dibenzo(a,h)anthracene	25.50	278	954123	21.793 ng/ul	99
93) Benzo(g,h,i)perylene	26.14	276	923521	22.036 ng/ul	99

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

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