Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121218\
Data File : BM018093.D
Acq On : 12 Dec 2018 15:26
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02093

Manual Integrations APPROVED
Sohil
12/13/2018 6:15:58 PM

Quant Time: Dec 13 02:08:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 12 06:24:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	89795	20.00	ng/ul	0.00
18) Naphthalene-d8	10.31	136	419634	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.19	164	260163	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	608961	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	765114	20.00	ng/ul	0.00
85) Perylene-d12	23.34	264	828724	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	13539	6.90	ng/uL	0.00
5) Phenol-d5	6.74	99	158093	19.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	86055	17.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	129816	20.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	132994	19.85	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	64318	19.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	74345	20.13	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	136868	19.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	124833	20.69	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	450752	19.97	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	546258	20.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	74480	18.15	ng/ul	0.00
57) Fluorene-d10	15.20	176	379163	19.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	82713	19.00	ng/ul	0.00
70) Anthracene-d10	17.06	188	609340	20.10	ng/ul	0.00
78) Pyrene-d10	19.36	212	693149	18.72	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.21	264	886294	19.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	15279	7.299	ng/uL	90
4) Benzaldehyde	6.71	77	26623	17.410	ng/ul#	84
6) Phenol	6.76	94	155540	19.001	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.99	93	114226	18.265	ng/ul	95
10) 2-Chlorophenol	7.12	128	129959	20.271	ng/ul	94
11) 2-Methylphenol	7.99	108	122983	19.691	ng/ul	93
12) 2,2'-oxybis(1-Chloropropan	8.07	45	128923	17.473	ng/ul	97
14) Acetophenone	8.37	105	202636	19.401	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.35	70	101937	18.713	ng/ul	94
16) 4-Methylphenol	8.33	108	134808	19.974	ng/ul	88
17) Hexachloroethane	8.60	117	50490	19.424	ng/ul	96
20) Nitrobenzene	8.75	77	140529	17.371	ng/ul	92
21) Isophorone	9.26	82	283514	18.838	ng/ul	96
23) 2-Nitrophenol	9.45	139	79203	20.607	ng/ul#	88
24) 2,4-Dimethylphenol	9.51	107	153676	19.140	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.75	93	171857	18.660	ng/ul	99
27) 2,4-Dichlorophenol	9.97	162	132388	19.943	ng/ul	97
28) Naphthalene	10.36	128	432829	19.797	ng/ul	98
30) 4-Chloroaniline	10.49	127	128073	20.806	ng/ul	100
31) Hexachlorobutadiene	10.63	225	80807	18.329	ng/ul	97
32) Caprolactam	11.29	113	49141m	22.375	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	153147	20.313	ng/ul	96
34) 2-Methylnaphthalene	11.99	142	325815	19.962	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.36	216	163095	18.788 ng/ul	99
37) Hexachlorocyclopentadiene	12.33	237	69118	12.346 ng/ul	97
38) 2,4,6-Trichlorophenol	12.62	196	111675	19.794 ng/ul	99
39) 2,4,5-Trichlorophenol	12.69	196	118829	19.694 ng/ul	95
40) 1,1'-Biphenyl	13.02	154	413263	19.297 ng/ul	98
41) 2-Chloronaphthalene	13.06	162	321497	19.191 ng/ul	97
42) 2-Nitroaniline	13.29	65	91865	18.831 ng/ul	96
44) Dimethylphthalate	13.67	163	432858	19.792 ng/ul	99
45) 2,6-Dinitrotoluene	13.79	165	89624	20.855 ng/ul	93
47) Acenaphthylene	13.92	152	509877	19.984 ng/ul	99
48) 3-Nitroaniline	14.13	138	85272	20.800 ng/ul	85
49) Acenaphthene	14.26	153	355424	19.329 ng/ul	98
50) 2,4-Dinitrophenol	14.35	184	54831	18.818 ng/ul	93
52) 4-Nitrophenol	14.45	109	57820	17.128 ng/ul	93
53) Dibenzofuran	14.60	168	503288	19.342 ng/ul	100
54) 2,4-Dinitrotoluene	14.59	165	135943	20.893 ng/ul	94
55) 2,3,4,6-Tetrachlorophenol	14.83	232	111872	20.108 ng/ul	98
56) Diethylphthalate	15.04	149	443872	19.702 ng/ul	98
58) Fluorene	15.26	166	422596	19.475 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.25	204	206472	18.524 ng/ul	99
60) 4-Nitroaniline	15.30	138	93490	20.513 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.36	198	83872	18.695 ng/ul#	86
64) N-Nitrosodiphenylamine	15.47	169	374516	19.975 ng/ul	98
65) 4-Bromophenyl-phenylether	16.15	248	137191	19.715 ng/ul	94
66) Hexachlorobenzene	16.26	284	150378	19.442 ng/ul	97
67) Atrazine	16.44	200	140662	20.226 ng/ul	96
68) Pentachlorophenol	16.62	266	94163	19.568 ng/ul	95
69) Phenanthrene	17.00	178	691785	19.865 ng/ul	98
71) Anthracene	17.09	178	721524	20.260 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	12.98	216	159962	18.536 ng/uL	99
73) Pentachlorobenzene	14.52	250	170601	19.328 ng/uL	100
74) Carbazole	17.37	167	649044	20.683 ng/ul	98
75) Di-n-butylphthalate	17.94	149	820676	20.694 ng/ul	99
76) Fluoranthene	19.03	202	859551	20.985 ng/ul	99
79) Pyrene	19.39	202	880711	18.962 ng/ul	99
80) Butylbenzylphthalate	20.32	149	403323	20.308 ng/ul	90
81) 3,3'-Dichlorobenzidine	21.10	252	319160	20.264 ng/ul	99
82) Benzo(a)anthracene	21.16	228	931709	19.633 ng/ul	97
83) Bis(2-ethylhexyl)phthalate	21.09	149	610098	20.745 ng/ul	98
84) Chrysene	21.21	228	884826	19.936 ng/ul	99
86) Di-n-octyl phthalate	21.96	149	1062691	18.308 ng/ul	100
87) Benzo(b)fluoranthene	22.70	252	985627	19.134 ng/ul	99
88) Benzo(k)fluoranthene	22.74	252	935848	18.693 ng/ul	99
90) Benzo(a)pyrene	23.25	252	952992	19.508 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.50	276	1172643	22.655 ng/ul	99
92) Dibenzo(a,h)anthracene	25.51	278	970562	22.209 ng/ul	98
93) Benzo(g,h,i)perylene	26.16	276	985422	23.556 ng/ul	99

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

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