Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM093019\
Data File : BM022828.D
Acq On : 30 Sep 2019 16:53
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02006

Manual Integrations APPROVED
mohammad
10/2/2019 8:20:59 AM

Quant Time: Oct 01 00:25:14 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 27 18:03:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	225825	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1018274	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.45	164	656969	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.18	188	1373017	20.00	ng/ul	0.00
78) Chrysene-d12	21.36	240	1351639	20.00	ng/ul	0.00
86) Perylene-d12	23.63	264	1197587	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	39040	7.48	ng/uL	0.00
5) Phenol-d5	6.97	99	369397	18.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	208631	19.11	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	303531	18.89	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	304078	18.61	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	149706	19.05	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	161324	18.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	328495	19.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	365822	17.62	ng/ul	0.00
44) Dimethylphthalate-d6	13.85	166	956519	18.76	ng/ul	0.00
47) Acenaphthylene-d8	14.13	160	1132619	19.24	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	184593	18.32	ng/ul	0.00
58) Fluorene-d10	15.43	176	824338	18.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.55	200	143170	16.02	ng/ul	0.00
71) Anthracene-d10	17.28	188	1282965	19.13	ng/ul	0.00
79) Pyrene-d10	19.57	212	1418531	19.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.49	264	1174217	18.95	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	37895	7.336	ng/uL	97
4) Benzaldehyde	6.95	77	135502	14.985	ng/ul	99
6) Phenol	7.00	94	388072	18.553	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.23	93	300198	18.976	ng/ul	99
10) 2-Chlorophenol	7.38	128	324041	18.801	ng/ul	99
11) 2-Methylphenol	8.25	108	303640	18.834	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.34	45	408958	19.552	ng/ul	99
14) Acetophenone	8.63	105	483269	19.351	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.62	70	246527	19.220	ng/ul	99
16) 4-Methylphenol	8.57	108	334648	18.773	ng/ul	98
17) Hexachloroethane	8.89	117	125549	19.168	ng/ul	97
20) Nitrobenzene	9.00	77	345764	18.848	ng/ul	99
21) Isophorone	9.53	82	692283	19.156	ng/ul	99
23) 2-Nitrophenol	9.72	139	185044	18.854	ng/ul	97
24) 2,4-Dimethylphenol	9.77	107	362553	18.972	ng/ul	99
25) Bis(2-Chloroethoxy)methane	10.01	93	437446	18.978	ng/ul	100
27) 2,4-Dichlorophenol	10.25	162	330064	19.086	ng/ul	99
28) Naphthalene	10.65	128	1045570	19.013	ng/ul	100
30) 4-Chloroaniline	10.76	127	386239	17.667	ng/ul	100
31) Hexachlorobutadiene	10.94	225	200547	19.167	ng/ul	98
32) Caprolactam	11.53	113	103713m	18.523	ng/ul	
33) 4-Chloro-3-methylphenol	11.88	107	340438	19.121	ng/ul	98
34) 2-Methylnaphthalene	12.26	142	790599	19.175	ng/ul	100

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35) 1-Methylnaphthalene	12.49	142	753533	19.135	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.63	216	417799	19.383	ng/ul	99
38) Hexachlorocyclopentadiene	12.62	237	202559	14.994	ng/ul	99
39) 2,4,6-Trichlorophenol	12.87	196	274716	19.217	ng/ul	99
40) 2,4,5-Trichlorophenol	12.95	196	298125	19.121	ng/ul	99
41) 1,1'-Biphenyl	13.27	154	1030495	19.157	ng/ul	100
42) 2-Chloronaphthalene	13.32	162	787324	19.145	ng/ul	99
43) 2-Nitroaniline	13.52	65	205784	19.295	ng/ul	99
45) Dimethylphthalate	13.90	163	986048	18.826	ng/ul	99
46) 2,6-Dinitrotoluene	14.02	165	200007	19.151	ng/ul	98
48) Acenaphthylene	14.16	152	1220048	19.198	ng/ul	99
49) 3-Nitroaniline	14.34	138	186603	18.420	ng/ul	99
50) Acenaphthene	14.51	153	845225	19.092	ng/ul	100
51) 2,4-Dinitrophenol	14.55	184	99070	14.864	ng/ul	97
53) 4-Nitrophenol	14.65	109	137588	18.687	ng/ul	99
54) Dibenzofuran	14.84	168	1203873	19.040	ng/ul	99
55) 2,4-Dinitrotoluene	14.80	165	290653	18.863	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	15.07	232	260820	19.013	ng/ul	98
57) Diethylphthalate	15.27	149	1002318	19.061	ng/ul	100
59) Fluorene	15.49	166	988000	19.336	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.49	204	498506	19.247	ng/ul	98
61) 4-Nitroaniline	15.50	138	216713	18.937	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.57	198	162390	16.251	ng/ul	96
65) N-Nitrosodiphenylamine	15.70	169	857325	18.997	ng/ul	100
66) 4-Bromophenyl-phenylether	16.37	248	315810	19.067	ng/ul	97
67) Hexachlorobenzene	16.50	284	352903	19.109	ng/ul	98
68) Atrazine	16.65	200	310842	18.840	ng/ul	99
69) Pentachlorophenol	16.83	266	216421	18.064	ng/ul	100
70) Phenanthrene	17.22	178	1550872	18.926	ng/ul	100
72) Anthracene	17.32	178	1610729	19.291	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.25	216	414600	19.349	ng/uL	98
74) Pentachlorobenzene	14.76	250	411077	19.220	ng/uL	100
75) Carbazole	17.58	167	1438749	19.388	ng/ul	100
76) Di-n-butylphthalate	18.15	149	1730550	19.779	ng/ul	100
77) Fluoranthene	19.24	202	1836139	19.923	ng/ul	99
80) Pyrene	19.60	202	1891987	19.746	ng/ul	99
81) Butylbenzylphthalate	20.50	149	820713	20.827	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.28	252	552497	17.944	ng/ul	100
83) Benzo(a)anthracene	21.35	228	1857100	19.137	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.29	149	1227777	21.929	ng/ul	99
85) Chrysene	21.40	228	1709329	19.105	ng/ul	100
87) Di-n-octyl phthalate	22.17	149	2009474	24.672	ng/ul	100
88) Benzo(b)fluoranthene	22.95	252	1529793	19.249	ng/ul	99
89) Benzo(k)fluoranthene	22.99	252	1532516	20.156	ng/ul	99
91) Benzo(a)pyrene	23.53	252	1395558	18.717	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.93	276	1412713	17.838	ng/ul	100
93) Dibenzo(a,h)anthracene	25.94	278	1193268	18.011	ng/ul	99
94) Benzo(g,h,i)perylene	26.63	276	1145074	17.921	ng/ul	99

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

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