Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
Data File : BM023170.D
Acq On : 15 Oct 2019 17:22
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02009

Manual Integrations APPROVED
mohammad
10/17/2019 7:57:54 AM

Quant Time: Oct 15 17:57:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 15 02:28:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	324392	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1395301	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	915291	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	1968175	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	2155336	20.00	ng/ul	0.00
86) Perylene-d12	23.48	264	2242804	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	60133	8.16	ng/uL	0.00
5) Phenol-d5	6.86	99	537853	19.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	320197	20.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	408669	18.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	431811	19.03	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	188887	20.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	176564	19.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	438880	19.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	562529	20.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.74	166	1360338	19.39	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	1616612	19.65	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	218337	19.23	ng/ul	0.00
58) Fluorene-d10	15.32	176	1173352	19.63	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.44	200	140186	17.97	ng/ul	0.00
71) Anthracene-d10	17.17	188	1865900	19.66	ng/ul	-0.01
79) Pyrene-d10	19.47	212	2102984	20.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.34	264	2255328	19.84	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	63333	8.221	ng/uL#	82
4) Benzaldehyde	6.83	77	396071	21.335	ng/ul	99
6) Phenol	6.88	94	559406	19.200	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.12	93	428038	19.923	ng/ul	98
10) 2-Chlorophenol	7.26	128	437129	19.342	ng/ul	97
11) 2-Methylphenol	8.13	108	431122	19.303	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.23	45	631404	20.133	ng/ul	99
14) Acetophenone	8.50	105	701091	19.817	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.49	70	380981	19.495	ng/ul	99
16) 4-Methylphenol	8.45	108	466187	19.196	ng/ul	95
17) Hexachloroethane	8.77	117	176699	19.669	ng/ul	97
20) Nitrobenzene	8.87	77	504246	19.992	ng/ul	99
21) Isophorone	9.40	82	1048084	19.318	ng/ul	99
23) 2-Nitrophenol	9.59	139	208581	20.161	ng/ul	97
24) 2,4-Dimethylphenol	9.65	107	535497	19.474	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.89	93	596699	19.804	ng/ul	99
27) 2,4-Dichlorophenol	10.12	162	434878	19.470	ng/ul	97
28) Naphthalene	10.52	128	1417120	19.650	ng/ul	99
30) 4-Chloroaniline	10.62	127	585851	20.361	ng/ul	98
31) Hexachlorobutadiene	10.82	225	291874	19.398	ng/ul	97
32) Caprolactam	11.36	113	148995m	18.578	ng/ul	
33) 4-Chloro-3-methylphenol	11.75	107	496473	19.398	ng/ul	99
34) 2-Methylnaphthalene	12.14	142	1060498	19.761	ng/ul	99

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35) 1-Methylnaphthalene	12.36	142	1029651	19.825 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.51	216	579502	19.574 ng/ul	99
38) Hexachlorocyclopentadiene	12.50	237	313641	17.506 ng/ul	98
39) 2,4,6-Trichlorophenol	12.75	196	354467	19.470 ng/ul	96
40) 2,4,5-Trichlorophenol	12.82	196	385876	19.716 ng/ul	99
41) 1,1'-Biphenyl	13.16	154	1386637	19.911 ng/ul	100
42) 2-Chloronaphthalene	13.20	162	1072203	19.879 ng/ul	99
43) 2-Nitroaniline	13.39	65	272224	21.537 ng/ul	97
45) Dimethylphthalate	13.79	163	1370667	19.524 ng/ul	99
46) 2,6-Dinitrotoluene	13.90	165	237607	21.556 ng/ul	99
48) Acenaphthylene	14.04	152	1666542	19.813 ng/ul	99
49) 3-Nitroaniline	14.22	138	246318	20.738 ng/ul#	98
50) Acenaphthene	14.39	153	1163370	19.862 ng/ul	99
51) 2,4-Dinitrophenol	14.43	184	81406	16.213 ng/ul	97
53) 4-Nitrophenol	14.53	109	196222	19.184 ng/ul	93
54) Dibenzofuran	14.73	168	1654552	19.899 ng/ul	99
55) 2,4-Dinitrotoluene	14.69	165	351316	21.789 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.96	232	336326	19.739 ng/ul	96
57) Diethylphthalate	15.17	149	1405311	19.600 ng/ul	100
59) Fluorene	15.38	166	1342975	19.686 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.39	204	702976	19.730 ng/ul	100
61) 4-Nitroaniline	15.39	138	296179	20.725 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.45	198	163201	17.862 ng/ul	100
65) N-Nitrosodiphenylamine	15.59	169	1203193	19.808 ng/ul	99
66) 4-Bromophenyl-phenylether	16.27	248	472060	19.867 ng/ul	100
67) Hexachlorobenzene	16.39	284	534737	19.844 ng/ul	100
68) Atrazine	16.54	200	454674	19.557 ng/ul	98
69) Pentachlorophenol	16.72	266	287617	19.055 ng/ul	99
70) Phenanthrene	17.12	178	2183080	19.764 ng/ul	99
72) Anthracene	17.20	178	2263631	19.832 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	569349	19.921 ng/uL	98
74) Pentachlorobenzene	14.65	250	591860	19.877 ng/uL	100
75) Carbazole	17.47	167	2069556	20.296 ng/ul	99
76) Di-n-butylphthalate	18.06	149	2384934	19.655 ng/ul	99
77) Fluoranthene	19.13	202	2693237	20.502 ng/ul	100
80) Pyrene	19.50	202	2767442	20.496 ng/ul	100
81) Butylbenzylphthalate	20.42	149	998046	21.253 ng/ul	94
82) 3,3'-Dichlorobenzidine	21.18	252	1005780	19.264 ng/ul	100
83) Benzo(a)anthracene	21.24	228	2882652	19.739 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.22	149	1534454	20.549 ng/ul	100
85) Chrysene	21.30	228	2656647	19.591 ng/ul	99
87) Di-n-octyl phthalate	22.09	149	2603011	22.496 ng/ul	100
88) Benzo(b)fluoranthene	22.81	252	2832431	20.829 ng/ul	99
89) Benzo(k)fluoranthene	22.86	252	2755668	21.105 ng/ul	99
91) Benzo(a)pyrene	23.38	252	2618169	20.068 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.70	276	2609440	16.813 ng/ul	99
93) Dibenzo(a,h)anthracene	25.72	278	2209248	17.025 ng/ul	99
94) Benzo(g,h,i)perylene	26.38	276	2043629	15.993 ng/ul	99

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

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