Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111919\
Data File : BM023811.D
Acq On : 19 Nov 2019 23:41
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02099

Manual Integrations APPROVED
mohammad
11/21/2019 9:06:37 AM

Quant Time: Nov 20 07:32:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Nov 20 06:55:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	545228	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	2262840	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.17	164	1407003	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	2834893	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2978507	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	3558000	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	99287	7.51	ng/uL	0.00
5) Phenol-d5	6.70	99	922362	18.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	556697	19.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	710842	19.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	706603	17.82	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	336346	20.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	376537	22.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.92	165	731547	18.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.43	131	881455	20.68	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	2009351	18.31	ng/ul	0.00
47) Acenaphthylene-d8	13.86	160	2426544	19.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	346671	18.51	ng/ul	0.00
58) Fluorene-d10	15.17	176	1760117	18.17	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.31	200	329327	20.08	ng/ul	0.00
71) Anthracene-d10	17.03	188	2672693	19.87	ng/ul	0.00
79) Pyrene-d10	19.33	212	2905290	18.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	3575826	19.10	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	105822	7.467	ng/uL	99
4) Benzaldehyde	6.67	77	409677	14.051	ng/ul	98
6) Phenol	6.73	94	972812	19.000	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.96	93	756778	19.299	ng/ul	96
10) 2-Chlorophenol	7.09	128	753799	20.302	ng/ul	99
11) 2-Methylphenol	7.97	108	705689	18.466	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.06	45	788536	20.613	ng/ul	96
14) Acetophenone	8.34	105	1135545	18.365	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.33	70	620927	19.114	ng/ul	96
16) 4-Methylphenol	8.30	108	763274	18.038	ng/ul	99
17) Hexachloroethane	8.59	117	305004	20.706	ng/ul	93
20) Nitrobenzene	8.71	77	891475	20.817	ng/ul	99
21) Isophorone	9.24	82	1593371	19.073	ng/ul	99
23) 2-Nitrophenol	9.42	139	415038	21.918	ng/ul	99
24) 2,4-Dimethylphenol	9.49	107	846421	19.560	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.73	93	1017069	19.400	ng/ul	99
27) 2,4-Dichlorophenol	9.95	162	722689	19.355	ng/ul	99
28) Naphthalene	10.34	128	2328802	19.580	ng/ul	100
30) 4-Chloroaniline	10.46	127	923756	21.083	ng/ul	100
31) Hexachlorobutadiene	10.63	225	481673	19.105	ng/ul	99
32) Caprolactam	11.25	113	205223m	16.960	ng/ul	
33) 4-Chloro-3-methylphenol	11.60	107	772101	18.630	ng/ul	99
34) 2-Methylnaphthalene	11.97	142	1694360	18.623	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.19	142	1622550	18.082 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.35	216	905028	19.686 ng/ul	98
38) Hexachlorocyclopentadiene	12.33	237	586968	24.374 ng/ul	100
39) 2,4,6-Trichlorophenol	12.60	196	576475	20.336 ng/ul	99
40) 2,4,5-Trichlorophenol	12.67	196	608480	19.710 ng/ul	98
41) 1,1'-Biphenyl	13.00	154	2184651	20.128 ng/ul	100
42) 2-Chloronaphthalene	13.04	162	1693085	20.266 ng/ul	99
43) 2-Nitroaniline	13.25	65	464886	23.395 ng/ul	97
45) Dimethylphthalate	13.64	163	2030598	18.885 ng/ul	100
46) 2,6-Dinitrotoluene	13.76	165	415085	21.194 ng/ul	98
48) Acenaphthylene	13.89	152	2523312	20.017 ng/ul	100
49) 3-Nitroaniline	14.09	138	367786	19.761 ng/ul	92
50) Acenaphthene	14.24	153	1761205	19.687 ng/ul	100
51) 2,4-Dinitrophenol	14.31	184	203907	16.514 ng/ul	94
53) 4-Nitrophenol	14.42	109	288817	19.108 ng/ul	97
54) Dibenzofuran	14.58	168	2532749	19.126 ng/ul	99
55) 2,4-Dinitrotoluene	14.56	165	603859	20.173 ng/ul	95
56) 2,3,4,6-Tetrachlorophenol	14.82	232	544830	18.645 ng/ul#	96
57) Diethylphthalate	15.02	149	2034128	19.279 ng/ul	98
59) Fluorene	15.23	166	2035225	18.943 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.23	204	1049567	18.103 ng/ul	98
61) 4-Nitroaniline	15.26	138	399790	17.537 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.33	198	361895	20.296 ng/ul	95
65) N-Nitrosodiphenylamine	15.45	169	1768664	21.265 ng/ul	99
66) 4-Bromophenyl-phenylether	16.13	248	688255	19.866 ng/ul	97
67) Hexachlorobenzene	16.24	284	811000	19.869 ng/ul	98
68) Atrazine	16.42	200	620384	19.911 ng/ul	99
69) Pentachlorophenol	16.59	266	445078	18.391 ng/ul	99
70) Phenanthrene	16.97	178	3196902	20.473 ng/ul	100
72) Anthracene	17.06	178	3259311	20.758 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.96	216	871063	21.673 ng/uL	98
74) Pentachlorobenzene	14.50	250	908723	20.464 ng/uL	99
75) Carbazole	17.33	167	2884815	22.041 ng/ul	99
76) Di-n-butylphthalate	17.92	149	3310787	22.939 ng/ul	100
77) Fluoranthene	19.00	202	3731642	22.306 ng/ul	98
80) Pyrene	19.36	202	3834859	19.919 ng/ul	96
81) Butylbenzylphthalate	20.28	149	1527057	25.043 ng/ul	94
82) 3,3'-Dichlorobenzidine	21.06	252	1266116	20.255 ng/ul	99
83) Benzo(a)anthracene	21.12	228	3977116	20.243 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	2208689	23.990 ng/ul	98
85) Chrysene	21.17	228	3733039	20.183 ng/ul	100
87) Di-n-octyl phthalate	21.93	149	3686259	21.197 ng/ul	100
88) Benzo(b)fluoranthene	22.64	252	4431466	19.538 ng/ul	99
89) Benzo(k)fluoranthene	22.69	252	4012348	18.362 ng/ul	98
91) Benzo(a)pyrene	23.19	252	4140297	19.940 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.43	276	5118141	23.052 ng/ul	98
93) Dibenzo(a,h)anthracene	25.43	278	4286521	22.877 ng/ul	99
94) Benzo(g,h,i)perylene	26.07	276	4255883	23.655 ng/ul	99

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

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