Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023223.D
Acq On : 17 Oct 2019 17:17
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02015

Quant Time: Oct 18 02:22:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 17 12:33:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	337189	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1331176	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.31	164	814300	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.06	188	1649193	20.00	ng/ul	0.00
78) Chrysene-d12	21.25	240	1618836	20.00	ng/ul	0.00
86) Perylene-d12	23.46	264	2010811	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	61540	8.03	ng/uL	0.00
5) Phenol-d5	6.84	99	517135	17.61	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	293337	17.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	427779	19.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	403945	17.12	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	195184	21.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	214868	25.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	440610	20.20	ng/ul	0.00
29) 4-Chloroaniline-d4	10.58	131	523685	19.74	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	1181089	18.93	ng/ul	0.00
47) Acenaphthylene-d8	14.00	160	1425800	19.48	ng/ul	0.00
52) 4-Nitrophenol-d4	14.51	143	204536	20.25	ng/ul	0.01
58) Fluorene-d10	15.31	176	1016315	19.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.43	200	160923	24.61	ng/ul	0.01
71) Anthracene-d10	17.16	188	1549034	19.48	ng/ul	0.00
79) Pyrene-d10	19.45	212	1660849	21.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	1994301	19.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	62270	7.777	ng/uL#	76
4) Benzaldehyde	6.80	77	364142	18.871	ng/ul	95
6) Phenol	6.86	94	531917	17.564	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.09	93	397702	17.808	ng/ul	99
10) 2-Chlorophenol	7.23	128	443741	18.890	ng/ul	96
11) 2-Methylphenol	8.11	108	401139	17.279	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.20	45	551462	16.917	ng/ul	100
14) Acetophenone	8.48	105	638231	17.355	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.47	70	326583	16.077	ng/ul	96
16) 4-Methylphenol	8.43	108	434143	17.198	ng/ul	98
17) Hexachloroethane	8.74	117	183217	19.621	ng/ul	99
20) Nitrobenzene	8.85	77	469428	19.508	ng/ul	96
21) Isophorone	9.39	82	883053	17.060	ng/ul	97
23) 2-Nitrophenol	9.56	139	238522	24.166	ng/ul	97
24) 2,4-Dimethylphenol	9.63	107	486426	18.541	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.87	93	539513	18.768	ng/ul	98
27) 2,4-Dichlorophenol	10.10	162	428826	20.124	ng/ul	95
28) Naphthalene	10.50	128	1336820	19.429	ng/ul	99
30) 4-Chloroaniline	10.60	127	543694	19.806	ng/ul	99
31) Hexachlorobutadiene	10.79	225	293272	20.430	ng/ul	98
32) Caprolactam	11.37	113	129774	16.961	ng/ul	84
33) 4-Chloro-3-methylphenol	11.74	107	437282	17.908	ng/ul	99
34) 2-Methylnaphthalene	12.12	142	973090	19.006	ng/ul	97

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35) 1-Methylnaphthalene	12.34	142	936730	18.905	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.49	216	541110	20.544	ng/ul	99
38) Hexachlorocyclopentadiene	12.48	237	321742	20.185	ng/ul	99
39) 2,4,6-Trichlorophenol	12.73	196	345304	21.319	ng/ul	98
40) 2,4,5-Trichlorophenol	12.80	196	371044	21.309	ng/ul	98
41) 1,1'-Biphenyl	13.14	154	1260013	20.336	ng/ul	98
42) 2-Chloronaphthalene	13.18	162	976346	20.347	ng/ul	98
43) 2-Nitroaniline	13.38	65	255012	22.678	ng/ul	90
45) Dimethylphthalate	13.77	163	1179188	18.879	ng/ul	99
46) 2,6-Dinitrotoluene	13.89	165	232530	23.712	ng/ul	89
48) Acenaphthylene	14.03	152	1466508	19.597	ng/ul	99
49) 3-Nitroaniline	14.21	138	230967	21.857	ng/ul#	89
50) Acenaphthene	14.37	153	1014900	19.477	ng/ul	99
51) 2,4-Dinitrophenol	14.42	184	107302	24.020	ng/ul	93
53) 4-Nitrophenol	14.53	109	165323	18.167	ng/ul	90
54) Dibenzofuran	14.71	168	1459653	19.732	ng/ul	98
55) 2,4-Dinitrotoluene	14.67	165	329870	22.997	ng/ul	93
56) 2,3,4,6-Tetrachlorophenol	14.94	232	324965	21.437	ng/ul	99
57) Diethylphthalate	15.15	149	1166418	18.285	ng/ul	99
59) Fluorene	15.36	166	1176492	19.384	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.36	204	615934	19.431	ng/ul	99
61) 4-Nitroaniline	15.37	138	256061	20.140	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.44	198	180801	23.616	ng/ul	93
65) N-Nitrosodiphenylamine	15.57	169	1032997	20.296	ng/ul	98
66) 4-Bromophenyl-phenylether	16.26	248	408547	20.520	ng/ul	98
67) Hexachlorobenzene	16.37	284	474253	21.003	ng/ul	95
68) Atrazine	16.53	200	375270	19.264	ng/ul	100
69) Pentachlorophenol	16.72	266	268355	21.218	ng/ul	99
70) Phenanthrene	17.10	178	1842055	19.903	ng/ul	99
72) Anthracene	17.19	178	1884195	19.701	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.10	216	519548	21.695	ng/uL	99
74) Pentachlorobenzene	14.64	250	540932	21.680	ng/uL	98
75) Carbazole	17.46	167	1655457	19.375	ng/ul	100
76) Di-n-butylphthalate	18.04	149	1987353	19.546	ng/ul	99
77) Fluoranthene	19.12	202	2155653	19.584	ng/ul	99
80) Pyrene	19.48	202	2169227	21.390	ng/ul	100
81) Butylbenzylphthalate	20.40	149	892790	25.312	ng/ul	89
82) 3,3'-Dichlorobenzidine	21.17	252	846706	21.591	ng/ul	99
83) Benzo(a)anthracene	21.23	228	2148656	19.589	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.19	149	1260699	22.478	ng/ul	100
85) Chrysene	21.29	228	2014864	19.783	ng/ul	100
87) Di-n-octyl phthalate	22.07	149	2202848	21.234	ng/ul	100
88) Benzo(b)fluoranthene	22.80	252	2307356	18.926	ng/ul	100
89) Benzo(k)fluoranthene	22.84	252	2281803	19.492	ng/ul	100
91) Benzo(a)pyrene	23.37	252	2275571	19.455	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.69	276	2882773	20.717	ng/ul	98
93) Dibenzo(a,h)anthracene	25.70	278	2427535	20.865	ng/ul	99
94) Benzo(g,h,i)perylene	26.36	276	2418119	21.107	ng/ul	97

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

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