Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101519\
Data File : BM023156.D
Acq On : 15 Oct 2019 09:01
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02008

Quant Time: Oct 15 16:40:23 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	292447	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	1281677	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.33	164	828006	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	1818555	20.00	ng/ul	0.00
78) Chrysene-d12	21.26	240	2097455	20.00	ng/ul	0.00
86) Perylene-d12	23.48	264	2538483	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	52775	7.94	ng/uL	0.00
5) Phenol-d5	6.86	99	491169	19.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	293181	20.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	371925	19.08	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	396228	19.37	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	162919	18.79	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	148636	18.00	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	401885	19.14	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	523662	20.50	ng/ul	0.00
44) Dimethylphthalate-d6	13.75	166	1231647	19.41	ng/ul	0.00
47) Acenaphthylene-d8	14.02	160	1464956	19.68	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	198253	19.30	ng/ul	0.00
58) Fluorene-d10	15.33	176	1062932	19.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.44	200	115438	16.01	ng/ul	0.00
71) Anthracene-d10	17.17	188	1710990	19.51	ng/ul	0.00
79) Pyrene-d10	19.47	212	1983561	19.53	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.34	264	2498067	19.41	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	52827	7.607	ng/uL#	85
4) Benzaldehyde	6.83	77	363750	21.734	ng/ul	99
6) Phenol	6.88	94	514499	19.588	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.12	93	387074	19.984	ng/ul	99
10) 2-Chlorophenol	7.26	128	392159	19.248	ng/ul	99
11) 2-Methylphenol	8.13	108	391467	19.442	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.23	45	581860	20.580	ng/ul	99
14) Acetophenone	8.50	105	646662	20.275	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.50	70	347459	19.722	ng/ul	99
16) 4-Methylphenol	8.45	108	430804	19.676	ng/ul	98
17) Hexachloroethane	8.77	117	157609	19.460	ng/ul	95
20) Nitrobenzene	8.88	77	450713	19.453	ng/ul	98
21) Isophorone	9.40	82	958990	19.243	ng/ul	100
23) 2-Nitrophenol	9.59	139	181999	19.151	ng/ul	99
24) 2,4-Dimethylphenol	9.65	107	492973	19.516	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.89	93	541441	19.563	ng/ul	97
27) 2,4-Dichlorophenol	10.12	162	389457	18.982	ng/ul	97
28) Naphthalene	10.52	128	1296815	19.576	ng/ul	99
30) 4-Chloroaniline	10.62	127	538278	20.366	ng/ul	98
31) Hexachlorobutadiene	10.82	225	267576	19.359	ng/ul	99
32) Caprolactam	11.37	113	135556	18.401	ng/ul	94
33) 4-Chloro-3-methylphenol	11.75	107	445183	18.936	ng/ul	98
34) 2-Methylnaphthalene	12.14	142	961185	19.499	ng/ul	98

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35) 1-Methylnaphthalene	12.36	142	928865	19.470	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.52	216	530766	19.817	ng/ul	99
38) Hexachlorocyclopentadiene	12.50	237	336581	20.766	ng/ul	98
39) 2,4,6-Trichlorophenol	12.75	196	316797	19.235	ng/ul	98
40) 2,4,5-Trichlorophenol	12.82	196	342431	19.341	ng/ul	99
41) 1,1'-Biphenyl	13.16	154	1251596	19.866	ng/ul	99
42) 2-Chloronaphthalene	13.20	162	971469	19.910	ng/ul	100
43) 2-Nitroaniline	13.40	65	233543	20.425	ng/ul	97
45) Dimethylphthalate	13.79	163	1239617	19.518	ng/ul	99
46) 2,6-Dinitrotoluene	13.90	165	199853	20.042	ng/ul	95
48) Acenaphthylene	14.05	152	1524193	20.031	ng/ul	99
49) 3-Nitroaniline	14.22	138	211490	19.683	ng/ul	99
50) Acenaphthene	14.40	153	1053065	19.874	ng/ul	99
51) 2,4-Dinitrophenol	14.43	184	73956	16.282	ng/ul	98
53) 4-Nitrophenol	14.53	109	178668	19.309	ng/ul	96
54) Dibenzofuran	14.73	168	1498417	19.921	ng/ul	99
55) 2,4-Dinitrotoluene	14.69	165	306433	21.009	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.96	232	299549	19.434	ng/ul	99
57) Diethylphthalate	15.17	149	1258070	19.396	ng/ul	99
59) Fluorene	15.38	166	1227087	19.883	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.39	204	635848	19.727	ng/ul	98
61) 4-Nitroaniline	15.39	138	261462	20.224	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.45	198	142048	16.826	ng/ul	99
65) N-Nitrosodiphenylamine	15.59	169	1092384	19.464	ng/ul	100
66) 4-Bromophenyl-phenylether	16.27	248	430748	19.620	ng/ul	97
67) Hexachlorobenzene	16.39	284	485883	19.514	ng/ul	100
68) Atrazine	16.55	200	409907	19.082	ng/ul	98
69) Pentachlorophenol	16.73	266	272915	19.569	ng/ul	100
70) Phenanthrene	17.12	178	2025302	19.844	ng/ul	99
72) Anthracene	17.21	178	2084931	19.769	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.12	216	514867	19.497	ng/uL	99
74) Pentachlorobenzene	14.65	250	540079	19.630	ng/uL	99
75) Carbazole	17.47	167	1903275	20.201	ng/ul	99
76) Di-n-butylphthalate	18.07	149	2154264	19.214	ng/ul	100
77) Fluoranthene	19.13	202	2520375	20.765	ng/ul	99
80) Pyrene	19.50	202	2592577	19.731	ng/ul	99
81) Butylbenzylphthalate	20.42	149	887793	19.427	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.18	252	1011431	19.907	ng/ul	99
83) Benzo(a)anthracene	21.24	228	2827435	19.895	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.22	149	1405938	19.347	ng/ul	100
85) Chrysene	21.30	228	2614830	19.815	ng/ul	99
87) Di-n-octyl phthalate	22.09	149	2425275	18.519	ng/ul	100
88) Benzo(b)fluoranthene	22.82	252	2994714	19.458	ng/ul	99
89) Benzo(k)fluoranthene	22.86	252	2910581	19.695	ng/ul	100
91) Benzo(a)pyrene	23.39	252	2913467	19.731	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.71	276	3562247	20.279	ng/ul	98
93) Dibenzo(a,h)anthracene	25.73	278	2973804	20.247	ng/ul	99
94) Benzo(g,h,i)perylene	26.39	276	2944455	20.358	ng/ul	99

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

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