Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102119\
Data File : BM023317.D
Acq On : 21 Oct 2019 18:07
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02024

Quant Time: Oct 21 18:45:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 21 17:53:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	354112	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1400913	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	869400	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1849409	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2095432	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2488929	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	65373	8.12	ng/uL	0.00
5) Phenol-d5	6.82	99	532375	17.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	315597	18.09	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	435889	18.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	418723	16.90	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	195133	20.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	205001	22.72	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	435439	18.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	432378	15.49	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1233697	18.52	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	1455505	18.63	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	220927	20.48	ng/ul	0.00
58) Fluorene-d10	15.29	176	1069963	18.85	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	175086	23.88	ng/ul	0.00
71) Anthracene-d10	17.13	188	1686528	18.91	ng/ul	0.00
79) Pyrene-d10	19.43	212	1932173	19.04	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	2394109	18.98	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	67398	8.015	ng/uL#	81
4) Benzaldehyde	6.79	77	386227	19.059	ng/ul	96
6) Phenol	6.85	94	561985	17.670	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.07	93	433184	18.470	ng/ul	99
10) 2-Chlorophenol	7.22	128	458409	18.582	ng/ul	96
11) 2-Methylphenol	8.09	108	410549	16.839	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.19	45	610075	17.821	ng/ul	98
14) Acetophenone	8.46	105	657564	17.027	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.46	70	342792	16.069	ng/ul	98
16) 4-Methylphenol	8.42	108	454279	17.135	ng/ul	99
17) Hexachloroethane	8.72	117	189561	19.330	ng/ul	97
20) Nitrobenzene	8.83	77	499305	19.716	ng/ul	98
21) Isophorone	9.37	82	899884	16.520	ng/ul	98
23) 2-Nitrophenol	9.55	139	234269	22.553	ng/ul	98
24) 2,4-Dimethylphenol	9.62	107	495209	17.936	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.85	93	564597	18.663	ng/ul	99
27) 2,4-Dichlorophenol	10.07	162	431231	19.229	ng/ul	97
28) Naphthalene	10.47	128	1392230	19.227	ng/ul	99
30) 4-Chloroaniline	10.58	127	449831	15.571	ng/ul	100
31) Hexachlorobutadiene	10.77	225	293792	19.447	ng/ul	96
32) Caprolactam	11.35	113	127458	15.829	ng/ul	92
33) 4-Chloro-3-methylphenol	11.72	107	446572	17.378	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	998750	18.536	ng/ul	99

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35) 1-Methylnaphthalene	12.32	142	965160	18.509	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	549910	19.554	ng/ul	99
38) Hexachlorocyclopentadiene	12.46	237	303776	17.850	ng/ul	98
39) 2,4,6-Trichlorophenol	12.72	196	341011	19.720	ng/ul	99
40) 2,4,5-Trichlorophenol	12.79	196	368215	19.807	ng/ul	99
41) 1,1'-Biphenyl	13.12	154	1293723	19.557	ng/ul	99
42) 2-Chloronaphthalene	13.16	162	1012915	19.771	ng/ul	100
43) 2-Nitroaniline	13.36	65	267960	22.319	ng/ul	91
45) Dimethylphthalate	13.76	163	1249135	18.732	ng/ul	99
46) 2,6-Dinitrotoluene	13.86	165	235455	22.488	ng/ul	98
48) Acenaphthylene	14.01	152	1523046	19.063	ng/ul	100
49) 3-Nitroaniline	14.19	138	191335	16.959	ng/ul#	93
50) Acenaphthene	14.36	153	1060116	19.055	ng/ul	99
51) 2,4-Dinitrophenol	14.40	184	115012	24.115	ng/ul	96
53) 4-Nitrophenol	14.50	109	184031	18.941	ng/ul	94
54) Dibenzofuran	14.69	168	1523779	19.293	ng/ul	99
55) 2,4-Dinitrotoluene	14.66	165	350806	22.906	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.92	232	329451	20.356	ng/ul	99
57) Diethylphthalate	15.13	149	1257889	18.470	ng/ul	100
59) Fluorene	15.34	166	1243957	19.197	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.34	204	642814	18.994	ng/ul	98
61) 4-Nitroaniline	15.35	138	222779	16.411	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.42	198	199829	23.276	ng/ul	97
65) N-Nitrosodiphenylamine	15.56	169	1095195	19.188	ng/ul	98
66) 4-Bromophenyl-phenylether	16.24	248	427214	19.135	ng/ul	98
67) Hexachlorobenzene	16.35	284	503898	19.900	ng/ul	99
68) Atrazine	16.52	200	404429	18.513	ng/ul	98
69) Pentachlorophenol	16.69	266	278091	19.607	ng/ul	98
70) Phenanthrene	17.08	178	2011000	19.376	ng/ul	99
72) Anthracene	17.17	178	2076992	19.365	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	526582	19.608	ng/uL	98
74) Pentachlorobenzene	14.62	250	552992	19.764	ng/uL	98
75) Carbazole	17.44	167	1856263	19.374	ng/ul	99
76) Di-n-butylphthalate	18.03	149	2140177	18.770	ng/ul	99
77) Fluoranthene	19.10	202	2459354	19.924	ng/ul	99
80) Pyrene	19.46	202	2553330	19.451	ng/ul	99
81) Butylbenzylphthalate	20.39	149	1032653	22.618	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.15	252	819687	16.148	ng/ul	100
83) Benzo(a)anthracene	21.22	228	2710701	19.092	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.17	149	1507176	20.761	ng/ul	100
85) Chrysene	21.27	228	2508814	19.030	ng/ul	100
87) Di-n-octyl phthalate	22.04	149	2555054	19.898	ng/ul	100
88) Benzo(b)fluoranthene	22.77	252	2858677	18.944	ng/ul	99
89) Benzo(k)fluoranthene	22.82	252	2774682	19.149	ng/ul	100
91) Benzo(a)pyrene	23.34	252	2745802	18.965	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.64	276	3411054	19.805	ng/ul	99
93) Dibenzo(a,h)anthracene	25.66	278	2856066	19.832	ng/ul	98
94) Benzo(g,h,i)perylene	26.31	276	2818700	19.877	ng/ul	98

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

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