Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101719\
Data File : BM023272.D
Acq On : 18 Oct 2019 23:46
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02018

Quant Time: Oct 19 01:36:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 01:30:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	387940	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1519560	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	919973	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.05	188	1871000	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	1991111	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	2336777	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	69810	7.92	ng/uL	0.00
5) Phenol-d5	6.83	99	586676	17.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	340177	17.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	481988	18.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	462162	17.03	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	219102	21.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	235578	24.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	490773	19.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	599988	19.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.72	166	1314424	18.64	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1582246	19.13	ng/ul	0.00
52) 4-Nitrophenol-d4	14.50	143	223642	19.60	ng/ul	0.00
58) Fluorene-d10	15.30	176	1133895	18.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	168815	22.76	ng/ul	0.00
71) Anthracene-d10	17.15	188	1748487	19.38	ng/ul	0.00
79) Pyrene-d10	19.44	212	1916690	19.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	2331839	19.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.21	88	73456	7.973	ng/uL#	75
4) Benzaldehyde	6.80	77	418923	18.870	ng/ul	96
6) Phenol	6.86	94	609667	17.497	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.09	93	473392	18.424	ng/ul	98
10) 2-Chlorophenol	7.22	128	503561	18.632	ng/ul	96
11) 2-Methylphenol	8.10	108	457750	17.138	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.19	45	655560	17.479	ng/ul	99
14) Acetophenone	8.47	105	722234	17.070	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	374059	16.006	ng/ul	98
16) 4-Methylphenol	8.42	108	491223	16.913	ng/ul	99
17) Hexachloroethane	8.73	117	210074	19.554	ng/ul	97
20) Nitrobenzene	8.84	77	546464	19.894	ng/ul	95
21) Isophorone	9.38	82	997117	16.876	ng/ul	99
23) 2-Nitrophenol	9.55	139	262830	23.327	ng/ul	97
24) 2,4-Dimethylphenol	9.62	107	549509	18.349	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.86	93	610412	18.602	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	479424	19.709	ng/ul	98
28) Naphthalene	10.49	128	1534541	19.538	ng/ul	99
30) 4-Chloroaniline	10.59	127	617751	19.714	ng/ul	99
31) Hexachlorobutadiene	10.78	225	333286	20.339	ng/ul	99
32) Caprolactam	11.36	113	134840	15.438	ng/ul	87
33) 4-Chloro-3-methylphenol	11.73	107	493342	17.699	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	1104671	18.901	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.33	142	1057637	18.699	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	609816	20.493	ng/ul	98
38) Hexachlorocyclopentadiene	12.47	237	315687	17.530	ng/ul	99
39) 2,4,6-Trichlorophenol	12.72	196	385339	21.058	ng/ul	97
40) 2,4,5-Trichlorophenol	12.79	196	412626	20.975	ng/ul	96
41) 1,1'-Biphenyl	13.13	154	1425629	20.366	ng/ul	98
42) 2-Chloronaphthalene	13.17	162	1107115	20.422	ng/ul	99
43) 2-Nitroaniline	13.37	65	281825	22.184	ng/ul	92
45) Dimethylphthalate	13.76	163	1328544	18.827	ng/ul	99
46) 2,6-Dinitrotoluene	13.87	165	256257	23.130	ng/ul	94
48) Acenaphthylene	14.02	152	1638395	19.379	ng/ul	99
49) 3-Nitroaniline	14.20	138	253489	21.233	ng/ul#	94
50) Acenaphthene	14.36	153	1148535	19.509	ng/ul	99
51) 2,4-Dinitrophenol	14.41	184	110873	21.969	ng/ul	93
53) 4-Nitrophenol	14.51	109	187213	18.210	ng/ul	93
54) Dibenzofuran	14.70	168	1646910	19.706	ng/ul	100
55) 2,4-Dinitrotoluene	14.66	165	364692	22.504	ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.93	232	352700	20.594	ng/ul	97
57) Diethylphthalate	15.14	149	1301933	18.065	ng/ul	99
59) Fluorene	15.35	166	1322616	19.289	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.35	204	689865	19.263	ng/ul	98
61) 4-Nitroaniline	15.36	138	287577	20.020	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.43	198	190701	21.956	ng/ul	99
65) N-Nitrosodiphenylamine	15.56	169	1147279	19.869	ng/ul	98
66) 4-Bromophenyl-phenylether	16.25	248	453235	20.066	ng/ul	98
67) Hexachlorobenzene	16.36	284	534167	20.852	ng/ul	98
68) Atrazine	16.52	200	408726	18.494	ng/ul	99
69) Pentachlorophenol	16.70	266	292718	20.400	ng/ul	98
70) Phenanthrene	17.09	178	2080395	19.813	ng/ul	100
72) Anthracene	17.18	178	2130568	19.636	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	586813	21.598	ng/uL	99
74) Pentachlorobenzene	14.62	250	608960	21.513	ng/uL	99
75) Carbazole	17.45	167	1887379	19.471	ng/ul	100
76) Di-n-butylphthalate	18.03	149	2145870	18.603	ng/ul	99
77) Fluoranthene	19.11	202	2461416	19.711	ng/ul	99
80) Pyrene	19.47	202	2532000	20.299	ng/ul	99
81) Butylbenzylphthalate	20.39	149	987224	22.756	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.16	252	980776	20.334	ng/ul	98
83) Benzo(a)anthracene	21.22	228	2606994	19.324	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.18	149	1441655	20.899	ng/ul	99
85) Chrysene	21.27	228	2437863	19.461	ng/ul	100
87) Di-n-octyl phthalate	22.06	149	2453659	20.353	ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	2755729	19.450	ng/ul	100
89) Benzo(k)fluoranthene	22.83	252	2688551	19.762	ng/ul	100
91) Benzo(a)pyrene	23.34	252	2649158	19.489	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.66	276	3277785	20.270	ng/ul	99
93) Dibenzo(a,h)anthracene	25.67	278	2755911	20.383	ng/ul	99
94) Benzo(g,h,i)perylene	26.33	276	2732342	20.523	ng/ul	97

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

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