Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM101919\
Data File : BM023295.D
Acq On : 19 Oct 2019 19:15
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02021

Quant Time: Oct 19 23:39:03 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 19 23:34:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	393838	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	1528859	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	926912	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	1916196	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	2062659	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	2430216	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.17	96	72311	8.08	ng/uL	0.00
5) Phenol-d5	6.82	99	597599	17.42	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	352189	18.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.19	132	483747	18.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.36	113	468977	17.02	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	215928	20.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	225977	22.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.05	165	483544	19.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	601146	19.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	1330639	18.73	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	1600226	19.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	229885	19.99	ng/ul	0.00
58) Fluorene-d10	15.29	176	1157297	19.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	174219	22.93	ng/ul	0.00
71) Anthracene-d10	17.14	188	1789086	19.36	ng/ul	0.00
79) Pyrene-d10	19.44	212	1977669	19.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	2400832	19.49	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	75369	8.059	ng/uL#	79
4) Benzaldehyde	6.79	77	423845	18.805	ng/ul	99
6) Phenol	6.85	94	620813	17.551	ng/ul	100
8) Bis(2-Chloroethyl)ether	7.08	93	479934	18.399	ng/ul	99
10) 2-Chlorophenol	7.22	128	514513	18.752	ng/ul	97
11) 2-Methylphenol	8.09	108	460527	16.984	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.18	45	686071	18.019	ng/ul	98
14) Acetophenone	8.47	105	728882	16.970	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.46	70	381402	16.075	ng/ul	97
16) 4-Methylphenol	8.42	108	501216	16.999	ng/ul	99
17) Hexachloroethane	8.72	117	210508	19.301	ng/ul	94
20) Nitrobenzene	8.84	77	559430	20.242	ng/ul	96
21) Isophorone	9.37	82	1004648	16.900	ng/ul	99
23) 2-Nitrophenol	9.55	139	260728	23.000	ng/ul	99
24) 2,4-Dimethylphenol	9.62	107	557158	18.491	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.85	93	625266	18.939	ng/ul	99
27) 2,4-Dichlorophenol	10.08	162	481705	19.682	ng/ul	96
28) Naphthalene	10.48	128	1549754	19.612	ng/ul	99
30) 4-Chloroaniline	10.59	127	627300	19.897	ng/ul	97
31) Hexachlorobutadiene	10.78	225	327851	19.885	ng/ul	96
32) Caprolactam	11.35	113	134027	15.252	ng/ul	92
33) 4-Chloro-3-methylphenol	11.72	107	495127	17.655	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	1098299	18.678	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	1069122	18.787	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.47	216	609168	20.318	ng/ul	99
38) Hexachlorocyclopentadiene	12.46	237	303498	16.727	ng/ul	99
39) 2,4,6-Trichlorophenol	12.72	196	377091	20.453	ng/ul	99
40) 2,4,5-Trichlorophenol	12.79	196	401206	20.242	ng/ul	99
41) 1,1'-Biphenyl	13.13	154	1438118	20.391	ng/ul	99
42) 2-Chloronaphthalene	13.16	162	1101738	20.170	ng/ul	99
43) 2-Nitroaniline	13.36	65	289761	22.637	ng/ul	93
45) Dimethylphthalate	13.76	163	1354901	19.057	ng/ul	99
46) 2,6-Dinitrotoluene	13.87	165	254464	22.796	ng/ul	96
48) Acenaphthylene	14.02	152	1670583	19.612	ng/ul	100
49) 3-Nitroaniline	14.19	138	259142	21.544	ng/ul#	95
50) Acenaphthene	14.36	153	1160936	19.572	ng/ul	99
51) 2,4-Dinitrophenol	14.40	184	111490	21.926	ng/ul	97
53) 4-Nitrophenol	14.50	109	195867	18.909	ng/ul	92
54) Dibenzofuran	14.70	168	1672616	19.864	ng/ul	99
55) 2,4-Dinitrotoluene	14.66	165	375394	22.991	ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.93	232	356322	20.650	ng/ul	99
57) Diethylphthalate	15.13	149	1350417	18.598	ng/ul	100
59) Fluorene	15.34	166	1339030	19.382	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.35	204	698492	19.358	ng/ul	99
61) 4-Nitroaniline	15.36	138	296602	20.494	ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.43	198	196735	22.117	ng/ul	97
65) N-Nitrosodiphenylamine	15.56	169	1183262	20.009	ng/ul	100
66) 4-Bromophenyl-phenylether	16.24	248	464591	20.083	ng/ul	98
67) Hexachlorobenzene	16.36	284	547413	20.865	ng/ul	97
68) Atrazine	16.52	200	413086	18.250	ng/ul	100
69) Pentachlorophenol	16.69	266	296444	20.173	ng/ul	99
70) Phenanthrene	17.08	178	2140565	19.905	ng/ul	100
72) Anthracene	17.17	178	2196546	19.766	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	596841	21.449	ng/uL	100
74) Pentachlorobenzene	14.62	250	609097	21.010	ng/uL	99
75) Carbazole	17.44	167	1944402	19.586	ng/ul	99
76) Di-n-butylphthalate	18.03	149	2202430	18.643	ng/ul	99
77) Fluoranthene	19.10	202	2543801	19.890	ng/ul	100
80) Pyrene	19.46	202	2628667	20.343	ng/ul	99
81) Butylbenzylphthalate	20.39	149	1002120	22.298	ng/ul	94
82) 3,3'-Dichlorobenzidine	21.15	252	977244	19.558	ng/ul	100
83) Benzo(a)anthracene	21.22	228	2732760	19.553	ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	1452150	20.321	ng/ul	100
85) Chrysene	21.27	228	2553093	19.674	ng/ul	100
87) Di-n-octyl phthalate	22.05	149	2479965	19.780	ng/ul	100
88) Benzo(b)fluoranthene	22.78	252	2978906	20.217	ng/ul	98
89) Benzo(k)fluoranthene	22.82	252	2680055	18.943	ng/ul	99
91) Benzo(a)pyrene	23.34	252	2773033	19.616	ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.64	276	3398341	20.208	ng/ul	99
93) Dibenzo(a,h)anthracene	25.66	278	2866913	20.389	ng/ul	99
94) Benzo(g,h,i)perylene	26.32	276	2807769	20.278	ng/ul	97

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

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