Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122819\
Data File : BM024343.D
Acq On : 28 Dec 2019 11:20
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02002

Quant Time: Dec 29 00:37:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 27 23:52:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	222405	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	913208	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	539177	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.84	188	1104092	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	1092440	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1314572	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.98	96	50058	9.94	ng/uL	0.00
5) Phenol-d5	6.62	99	370676	17.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.77	67	244651	19.37	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	287545	19.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	282781	16.43	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	131331	20.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	141410	19.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	264974	18.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	324424	19.04	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	754365	18.92	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	933683	19.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.33	143	108120	15.10	ng/ul	0.00
58) Fluorene-d10	15.08	176	652281	18.66	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	111983	16.63	ng/ul	0.00
71) Anthracene-d10	16.94	188	970059	19.31	ng/ul	0.00
79) Pyrene-d10	19.24	212	1041166	20.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1256242	19.24	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.02	88	48959	8.779	ng/uL	89
4) Benzaldehyde	6.57	77	280849	20.630	ng/ul	99
6) Phenol	6.65	94	387979	17.842	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.86	93	314674	18.675	ng/ul	97
10) 2-Chlorophenol	6.99	128	291454	18.921	ng/ul	97
11) 2-Methylphenol	7.87	108	274531	16.980	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.95	45	379596	19.561	ng/ul	99
14) Acetophenone	8.24	105	442798	17.057	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.23	70	254278	17.730	ng/ul	98
16) 4-Methylphenol	8.20	108	298907	16.652	ng/ul	99
17) Hexachloroethane	8.47	117	130807	20.574	ng/ul	99
20) Nitrobenzene	8.61	77	377095	20.674	ng/ul	98
21) Isophorone	9.14	82	645802	18.942	ng/ul	99
23) 2-Nitrophenol	9.32	139	157184	19.789	ng/ul#	87
24) 2,4-Dimethylphenol	9.39	107	335592	19.585	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.62	93	410433	19.378	ng/ul	99
27) 2,4-Dichlorophenol	9.85	162	259964	18.937	ng/ul	99
28) Naphthalene	10.23	128	919466	19.214	ng/ul	99
30) 4-Chloroaniline	10.36	127	331950	19.306	ng/ul	98
31) Hexachlorobutadiene	10.51	225	170406	20.080	ng/ul	99
32) Caprolactam	11.16	113	77156	14.874	ng/ul	95
33) 4-Chloro-3-methylphenol	11.50	107	299482	18.180	ng/ul	95
34) 2-Methylnaphthalene	11.86	142	623169	18.218	ng/ul	99

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35) 1-Methylnaphthalene	12.08	142	633683	18.150	ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.24	216	299116	20.522	ng/ul	98
38) Hexachlorocyclopentadiene	12.21	237	158684	24.163	ng/ul	93
39) 2,4,6-Trichlorophenol	12.50	196	189358	19.644	ng/ul	98
40) 2,4,5-Trichlorophenol	12.58	196	201471	19.388	ng/ul	97
41) 1,1'-Biphenyl	12.90	154	795211	19.759	ng/ul	99
42) 2-Chloronaphthalene	12.94	162	633093	20.022	ng/ul	99
43) 2-Nitroaniline	13.17	65	194861	21.018	ng/ul	93
45) Dimethylphthalate	13.55	163	771160	18.610	ng/ul	99
46) 2,6-Dinitrotoluene	13.67	165	150822	18.477	ng/ul	88
48) Acenaphthylene	13.79	152	994346	19.604	ng/ul	98
49) 3-Nitroaniline	14.01	138	144459	18.648	ng/ul	94
50) Acenaphthene	14.14	153	676783	19.406	ng/ul	99
51) 2,4-Dinitrophenol	14.24	184	83392	18.180	ng/ul	95
53) 4-Nitrophenol	14.35	109	92595	16.221	ng/ul	94
54) Dibenzofuran	14.49	168	927570	19.132	ng/ul	98
55) 2,4-Dinitrotoluene	14.49	165	229247	18.597	ng/ul#	82
56) 2,3,4,6-Tetrachlorophenol	14.73	232	165641	17.632	ng/ul	98
57) Diethylphthalate	14.93	149	796429	18.905	ng/ul	99
59) Fluorene	15.14	166	768214	18.763	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.14	204	370244	18.596	ng/ul	96
61) 4-Nitroaniline	15.19	138	143603	16.788	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.26	198	119631	16.630	ng/ul	96
65) N-Nitrosodiphenylamine	15.36	169	636901	19.840	ng/ul	99
66) 4-Bromophenyl-phenylether	16.03	248	230739	19.661	ng/ul	97
67) Hexachlorobenzene	16.14	284	277524	19.313	ng/ul	97
68) Atrazine	16.33	200	219994	18.436	ng/ul	99
69) Pentachlorophenol	16.50	266	117050	15.544	ng/ul	97
70) Phenanthrene	16.88	178	1193197	19.304	ng/ul	99
72) Anthracene	16.97	178	1217650	19.595	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.86	216	300126	21.659	ng/uL	99
74) Pentachlorobenzene	14.40	250	311382	20.404	ng/uL	97
75) Carbazole	17.25	167	1040039	19.483	ng/ul	99
76) Di-n-butylphthalate	17.83	149	1294472	20.219	ng/ul	99
77) Fluoranthene	18.91	202	1343512	19.942	ng/ul	99
80) Pyrene	19.27	202	1413861	19.825	ng/ul	99
81) Butylbenzylphthalate	20.20	149	588694	20.952	ng/ul	97
82) 3,3'-Dichlorobenzidine	20.98	252	467967	19.297	ng/ul	99
83) Benzo(a)anthracene	21.04	228	1359122	19.527	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.99	149	895943	21.398	ng/ul	99
85) Chrysene	21.09	228	1363420	19.985	ng/ul	100
87) Di-n-octyl phthalate	21.84	149	1524866	21.469	ng/ul	100
88) Benzo(b)fluoranthene	22.55	252	1503937	19.120	ng/ul	99
89) Benzo(k)fluoranthene	22.59	252	1521867	19.719	ng/ul	98
91) Benzo(a)pyrene	23.09	252	1403270	19.721	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.27	276	1826541	21.378	ng/ul	99
93) Dibenzo(a,h)anthracene	25.27	278	1542969	21.540	ng/ul	100
94) Benzo(g,h,i)perylene	25.90	276	1524274	21.850	ng/ul	98

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

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