Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111419\
Data File : BM023773.D
Acq On : 16 Nov 2019 03:13
Operator : JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02022

Quant Time: Nov 16 03:58:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Nov 16 03:18:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	400447	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	1684316	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.18	164	1081919	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.93	188	2247181	20.00	ng/ul	0.00
78) Chrysene-d12	21.13	240	2366969	20.00	ng/ul	0.00
86) Perylene-d12	23.29	264	2757336	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.06	96	65229	6.71	ng/uL	0.00
5) Phenol-d5	6.71	99	600128	16.44	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	350066	16.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	455756	17.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	468674	16.09	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	221596	18.38	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	248383	19.60	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	495724	17.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.44	131	587766	18.52	ng/ul	0.00
44) Dimethylphthalate-d6	13.60	166	1409742	16.71	ng/ul	0.00
47) Acenaphthylene-d8	13.87	160	1663872	17.28	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	241292	16.75	ng/ul	0.00
58) Fluorene-d10	15.18	176	1237646	16.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.32	200	225943	17.38	ng/ul	0.00
71) Anthracene-d10	17.03	188	1888842	17.72	ng/ul	0.00
79) Pyrene-d10	19.33	212	2068080	16.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.15	264	2477350	17.07	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	66065	6.347	ng/uL	98
4) Benzaldehyde	6.68	77	276345	12.904	ng/ul	97
6) Phenol	6.74	94	635794	16.908	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.96	93	490310	17.025	ng/ul	97
10) 2-Chlorophenol	7.09	128	500976	18.371	ng/ul	98
11) 2-Methylphenol	7.98	108	470480	16.762	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.06	45	502512	17.885	ng/ul	97
14) Acetophenone	8.35	105	753872	16.600	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.33	70	405521	16.997	ng/ul	98
16) 4-Methylphenol	8.30	108	520610	16.752	ng/ul	98
17) Hexachloroethane	8.59	117	200497	18.533	ng/ul	94
20) Nitrobenzene	8.72	77	583086	18.292	ng/ul	97
21) Isophorone	9.25	82	1075858	17.301	ng/ul	100
23) 2-Nitrophenol	9.42	139	279867	19.856	ng/ul	97
24) 2,4-Dimethylphenol	9.49	107	568204	17.641	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.73	93	682901	17.500	ng/ul	99
27) 2,4-Dichlorophenol	9.96	162	498045	17.920	ng/ul	99
28) Naphthalene	10.35	128	1579978	17.847	ng/ul	100
30) 4-Chloroaniline	10.46	127	623561	19.120	ng/ul	100
31) Hexachlorobutadiene	10.64	225	323754	17.252	ng/ul	99
32) Caprolactam	11.25	113	141694	15.732	ng/ul	99
33) 4-Chloro-3-methylphenol	11.60	107	532604	17.265	ng/ul	99
34) 2-Methylnaphthalene	11.97	142	1167423	17.239	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.19	142	1120841	16.781 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.35	216	633362	17.916 ng/ul	97
38) Hexachlorocyclopentadiene	12.33	237	492316	26.586 ng/ul	99
39) 2,4,6-Trichlorophenol	12.60	196	411597	18.883 ng/ul	95
40) 2,4,5-Trichlorophenol	12.67	196	435119	18.329 ng/ul	99
41) 1,1'-Biphenyl	13.00	154	1531457	18.349 ng/ul	99
42) 2-Chloronaphthalene	13.04	162	1186234	18.465 ng/ul	98
43) 2-Nitroaniline	13.26	65	314316	20.571 ng/ul	96
45) Dimethylphthalate	13.65	163	1451308	17.553 ng/ul	99
46) 2,6-Dinitrotoluene	13.76	165	289973	19.255 ng/ul	99
48) Acenaphthylene	13.90	152	1787353	18.439 ng/ul	99
49) 3-Nitroaniline	14.09	138	265107	18.524 ng/ul	93
50) Acenaphthene	14.25	153	1241729	18.051 ng/ul	98
51) 2,4-Dinitrophenol	14.31	184	182487	19.220 ng/ul	99
53) 4-Nitrophenol	14.42	109	198300	17.061 ng/ul	97
54) Dibenzofuran	14.58	168	1791791	17.596 ng/ul	98
55) 2,4-Dinitrotoluene	14.56	165	431526	18.748 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.82	232	389569	17.338 ng/ul	95
57) Diethylphthalate	15.03	149	1431378	17.642 ng/ul	98
59) Fluorene	15.23	166	1452380	17.580 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.24	204	756313	16.965 ng/ul	99
61) 4-Nitroaniline	15.26	138	294807	16.818 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.33	198	252324	17.852 ng/ul#	92
65) N-Nitrosodiphenylamine	15.45	169	1266090	19.203 ng/ul	99
66) 4-Bromophenyl-phenylether	16.13	248	502975	18.315 ng/ul	99
67) Hexachlorobenzene	16.25	284	587294	18.151 ng/ul	99
68) Atrazine	16.42	200	449154	18.186 ng/ul	98
69) Pentachlorophenol	16.59	266	385409	20.090 ng/ul	99
70) Phenanthrene	16.97	178	2321083	18.752 ng/ul	99
72) Anthracene	17.06	178	2349551	18.878 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.97	216	626855	19.676 ng/uL	99
74) Pentachlorobenzene	14.50	250	653053	18.553 ng/uL	99
75) Carbazole	17.34	167	2068039	19.933 ng/ul	100
76) Di-n-butylphthalate	17.92	149	2330257	20.368 ng/ul	99
77) Fluoranthene	19.00	202	2707792	20.419 ng/ul	97
80) Pyrene	19.36	202	2786955	18.216 ng/ul	99
81) Butylbenzylphthalate	20.29	149	1061260	21.901 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.06	252	929942	18.721 ng/ul	99
83) Benzo(a)anthracene	21.12	228	2861934	18.331 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.07	149	1561020	21.336 ng/ul	99
85) Chrysene	21.17	228	2703477	18.393 ng/ul	100
87) Di-n-octyl phthalate	21.93	149	2605629	19.334 ng/ul	100
88) Benzo(b)fluoranthene	22.65	252	3058875	17.403 ng/ul	99
89) Benzo(k)fluoranthene	22.69	252	2920497	17.246 ng/ul	99
91) Benzo(a)pyrene	23.19	252	2892077	17.973 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.43	276	3562985	20.708 ng/ul	99
93) Dibenzo(a,h)anthracene	25.44	278	2982179	20.537 ng/ul	99
94) Benzo(g,h,i)perylene	26.08	276	2971569	21.313 ng/ul	99

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

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