Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070219\
Data File : BM021337.D
Acq On : 02 Jul 2019 11:32
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02038

Quant Time: Jul 02 16:45:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jul 02 01:54:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	239953	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	1047604	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	681650	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1532420	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1128058	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1235117	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	33553	6.64	ng/uL	0.00
5) Phenol-d5	6.92	99	368645	17.65	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	205279	16.50	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	307685	18.13	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	314068	18.01	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	158200	18.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	180043	19.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	372428	19.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	432375	21.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	1101798	17.89	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1409413	18.69	ng/ul	0.00
51) 4-Nitrophenol-d4	14.61	143	149667	14.94	ng/ul	0.00
57) Fluorene-d10	15.39	176	960796	17.93	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	151366	16.07	ng/ul	0.00
70) Anthracene-d10	17.24	188	1453440	18.25	ng/ul	0.00
78) Pyrene-d10	19.54	212	1337423	19.76	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1237322	16.98	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	35517	6.946	ng/uL	97
4) Benzaldehyde	6.90	77	250810	26.341	ng/ul	99
6) Phenol	6.95	94	375083	18.987	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.19	93	284866	18.894	ng/ul	99
10) 2-Chlorophenol	7.32	128	313635	19.611	ng/ul	98
11) 2-Methylphenol	8.19	108	296304	19.385	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.28	45	359678	18.682	ng/ul	99
14) Acetophenone	8.57	105	492509	19.628	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.56	70	249563	19.110	ng/ul	97
16) 4-Methylphenol	8.52	108	323219	19.432	ng/ul	99
17) Hexachloroethane	8.82	117	128527	19.281	ng/ul	95
20) Nitrobenzene	8.95	77	376667	19.710	ng/ul	98
21) Isophorone	9.47	82	694492	19.297	ng/ul	99
23) 2-Nitrophenol	9.66	139	193769	20.408	ng/ul	98
24) 2,4-Dimethylphenol	9.72	107	382845	19.737	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.96	93	424937	19.160	ng/ul	99
27) 2,4-Dichlorophenol	10.19	162	361212	20.665	ng/ul	98
28) Naphthalene	10.59	128	1063765	19.778	ng/ul	100
30) 4-Chloroaniline	10.70	127	429277	22.791	ng/ul	99
31) Hexachlorobutadiene	10.85	225	240453	20.190	ng/ul	98
32) Caprolactam	11.50	113	125925	25.626	ng/ul	99
33) 4-Chloro-3-methylphenol	11.83	107	362671	20.351	ng/ul	98
34) 2-Methylnaphthalene	12.20	142	821430	19.918	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	491293	20.189 ng/ul	99
37) Hexachlorocyclopentadiene	12.53	237	224099	15.480 ng/ul	99
38) 2,4,6-Trichlorophenol	12.82	196	312307	20.652 ng/ul	98
39) 2,4,5-Trichlorophenol	12.89	196	339544	21.020 ng/ul	99
40) 1,1'-Biphenyl	13.22	154	1098657	19.538 ng/ul	99
41) 2-Chloronaphthalene	13.26	162	887387	19.975 ng/ul	99
42) 2-Nitroaniline	13.48	65	211159	19.558 ng/ul	98
44) Dimethylphthalate	13.85	163	1095656	19.542 ng/ul	98
45) 2,6-Dinitrotoluene	13.98	165	218087	20.380 ng/ul	96
47) Acenaphthylene	14.12	152	1285946	19.921 ng/ul	99
48) 3-Nitroaniline	14.32	138	202031	21.567 ng/ul	97
49) Acenaphthene	14.46	153	933038	19.716 ng/ul	100
50) 2,4-Dinitrophenol	14.53	184	83631	15.557 ng/ul	98
52) 4-Nitrophenol	14.62	109	118477	15.988 ng/ul	94
53) Dibenzofuran	14.79	168	1338362	19.862 ng/ul	99
54) 2,4-Dinitrotoluene	14.77	165	319589	20.580 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.02	232	294296	20.893 ng/ul	98
56) Diethylphthalate	15.22	149	1077493	19.919 ng/ul	100
58) Fluorene	15.44	166	1093785	19.979 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.44	204	601959	20.167 ng/ul	99
60) 4-Nitroaniline	15.48	138	186660	18.746 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.53	198	157377	16.642 ng/ul	97
64) N-Nitrosodiphenylamine	15.66	169	926473	19.963 ng/ul	100
65) 4-Bromophenyl-phenylether	16.33	248	386445	20.564 ng/ul	100
66) Hexachlorobenzene	16.44	284	443705	20.602 ng/ul	99
67) Atrazine	16.62	200	413665	24.568 ng/ul	99
68) Pentachlorophenol	16.79	266	215376	19.944 ng/ul	99
69) Phenanthrene	17.19	178	1676273	19.779 ng/ul	99
71) Anthracene	17.28	178	1696604	19.644 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.18	216	487116	20.207 ng/uL	99
73) Pentachlorobenzene	14.71	250	532033	21.448 ng/uL	98
74) Carbazole	17.55	167	1357157	19.067 ng/ul	100
75) Di-n-butylphthalate	18.11	149	1748917	20.466 ng/ul	100
76) Fluoranthene	19.20	202	1710265	18.676 ng/ul	99
79) Pyrene	19.57	202	1701920	21.341 ng/ul	100
80) Butylbenzylphthalate	20.47	149	639706	21.670 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.26	252	476720	18.855 ng/ul	99
82) Benzo(a)anthracene	21.31	228	1513776	19.683 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.24	149	953474	22.685 ng/ul	99
84) Chrysene	21.37	228	1407698	19.544 ng/ul	99
86) Di-n-octyl phthalate	22.13	149	1451251	20.391 ng/ul	100
87) Benzo(b)fluoranthene	22.92	252	1484870	18.979 ng/ul	99
88) Benzo(k)fluoranthene	22.96	252	1514344	20.119 ng/ul	99
90) Benzo(a)pyrene	23.50	252	1448511	19.670 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.89	276	1799762	20.755 ng/ul	98
92) Dibenzo(a,h)anthracene	25.90	278	1513240	20.744 ng/ul	99
93) Benzo(g,h,i)perylene	26.59	276	1484206	20.782 ng/ul	97

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

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