Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM070519\
Data File : BM021388.D
Acq On : 05 Jul 2019 09:46
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02044

Manual Integrations APPROVED
mohammad
7/6/2019 12:13:05 AM

Quant Time: Jul 05 22:50:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 03 01:58:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	239720	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	1198346	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.39	164	810002	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.14	188	1949343	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1596007	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1648930	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	36585	7.25	ng/uL	0.00
5) Phenol-d5	6.93	99	415862	19.93	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	228437	18.38	ng/ul	0.00
9) 2-Chlorophenol-d4	7.28	132	334338	19.72	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	366789	21.06	ng/ul	0.00
19) Nitrobenzene-d5	8.91	128	181285	18.63	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	211110	19.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.16	165	436938	19.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.68	131	479371	20.93	ng/ul	0.00
43) Dimethylphthalate-d6	13.80	166	1313016	17.94	ng/ul	0.00
46) Acenaphthylene-d8	14.08	160	1682385	18.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	182567	15.34	ng/ul	0.00
57) Fluorene-d10	15.39	176	1171163	18.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	211597	17.66	ng/ul	0.00
70) Anthracene-d10	17.24	188	1856152	18.32	ng/ul	0.00
78) Pyrene-d10	19.53	212	1862344	19.45	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	1653180	16.99	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.30	88	27026	5.290	ng/uL	100
4) Benzaldehyde	6.90	77	255019	26.809	ng/ul	100
6) Phenol	6.95	94	423332	21.450	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.18	93	311608	20.687	ng/ul	98
10) 2-Chlorophenol	7.32	128	338050	21.158	ng/ul	99
11) 2-Methylphenol	8.19	108	337993	22.134	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.27	45	400274m	20.811	ng/ul	
14) Acetophenone	8.57	105	561992	22.419	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.56	70	285822	21.908	ng/ul	96
16) 4-Methylphenol	8.52	108	373249	22.461	ng/ul	96
17) Hexachloroethane	8.81	117	129408	19.432	ng/ul	95
20) Nitrobenzene	8.95	77	426153	19.495	ng/ul	100
21) Isophorone	9.47	82	814283	19.780	ng/ul	99
23) 2-Nitrophenol	9.66	139	224706	20.689	ng/ul	98
24) 2,4-Dimethylphenol	9.72	107	442704	19.952	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.95	93	490216	19.323	ng/ul	100
27) 2,4-Dichlorophenol	10.19	162	420339	21.023	ng/ul	98
28) Naphthalene	10.58	128	1214945	19.747	ng/ul	99
30) 4-Chloroaniline	10.70	127	477081	22.143	ng/ul	100
31) Hexachlorobutadiene	10.85	225	264568	19.420	ng/ul	96
32) Caprolactam	11.51	113	155593m	27.681	ng/ul	
33) 4-Chloro-3-methylphenol	11.83	107	433185	21.250	ng/ul	98
34) 2-Methylnaphthalene	12.20	142	966116	20.479	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	574532	19.868	ng/ul	99
37) Hexachlorocyclopentadiene	12.53	237	303853	17.663	ng/ul	100
38) 2,4,6-Trichlorophenol	12.82	196	374215	20.824	ng/ul	99
39) 2,4,5-Trichlorophenol	12.89	196	398201	20.745	ng/ul	99
40) 1,1'-Biphenyl	13.22	154	1291415	19.327	ng/ul	99
41) 2-Chloronaphthalene	13.26	162	1041107	19.721	ng/ul	100
42) 2-Nitroaniline	13.48	65	261431	20.377	ng/ul	100
44) Dimethylphthalate	13.85	163	1315477	19.745	ng/ul	99
45) 2,6-Dinitrotoluene	13.98	165	268210	21.093	ng/ul	98
47) Acenaphthylene	14.11	152	1526245	19.897	ng/ul	99
48) 3-Nitroaniline	14.32	138	232125	20.853	ng/ul	95
49) Acenaphthene	14.45	153	1110027	19.739	ng/ul	99
50) 2,4-Dinitrophenol	14.53	184	121030	18.946	ng/ul	93
52) 4-Nitrophenol	14.63	109	154899	17.591	ng/ul	98
53) Dibenzofuran	14.79	168	1607985	20.082	ng/ul	98
54) 2,4-Dinitrotoluene	14.77	165	404464	21.919	ng/ul	96
55) 2,3,4,6-Tetrachlorophenol	15.02	232	363910	21.741	ng/ul	99
56) Diethylphthalate	15.22	149	1294477	20.138	ng/ul	99
58) Fluorene	15.44	166	1323354	20.342	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.43	204	723127	20.387	ng/ul	100
60) 4-Nitroaniline	15.48	138	219253	18.530	ng/ul	100
63) 4,6-Dinitro-2-methylphenol	15.53	198	223750	18.601	ng/ul	98
64) N-Nitrosodiphenylamine	15.66	169	1137659	19.270	ng/ul	100
65) 4-Bromophenyl-phenylether	16.33	248	469196	19.628	ng/ul	98
66) Hexachlorobenzene	16.44	284	554308	20.233	ng/ul	98
67) Atrazine	16.62	200	526764	24.594	ng/ul	98
68) Pentachlorophenol	16.79	266	283203	20.616	ng/ul	98
69) Phenanthrene	17.18	178	2118807	19.653	ng/ul	99
71) Anthracene	17.27	178	2163322	19.691	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.17	216	567051	18.491	ng/uL	100
73) Pentachlorobenzene	14.70	250	633437	20.074	ng/uL	99
74) Carbazole	17.55	167	1750590	19.334	ng/ul	100
75) Di-n-butylphthalate	18.10	149	2215763	20.383	ng/ul	100
76) Fluoranthene	19.20	202	2361358	20.271	ng/ul	99
79) Pyrene	19.56	202	2359260	20.910	ng/ul	98
80) Butylbenzylphthalate	20.46	149	905764	21.686	ng/ul	98
81) 3,3'-Dichlorobenzidine	21.25	252	639230	17.870	ng/ul	99
82) Benzo(a)anthracene	21.32	228	2145479	19.718	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.23	149	1375564	23.132	ng/ul	100
84) Chrysene	21.36	228	1993696	19.564	ng/ul	99
86) Di-n-octyl phthalate	22.12	149	2125440	22.369	ng/ul	100
87) Benzo(b)fluoranthene	22.91	252	2026997	19.406	ng/ul	99
88) Benzo(k)fluoranthene	22.96	252	2033803	20.240	ng/ul	100
90) Benzo(a)pyrene	23.50	252	1931764	19.649	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.89	276	2296099	19.834	ng/ul	100
92) Dibenzo(a,h)anthracene	25.89	278	1937601	19.896	ng/ul	99
93) Benzo(g,h,i)perylene	26.59	276	1889124	19.813	ng/ul	97

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

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