Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103118\
Data File : BM017426.D
Acq On : 31 Oct 2018 10:21
Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02078

Quant Time: Nov 01 05:14:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 26 01:13:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	194442	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	923057	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.29	164	590879	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.04	188	1443976	20.00	ng/ul	-0.01
78) Chrysene-d12	21.24	240	1731282	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	1647665	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	30549	7.23	ng/uL	0.00
5) Phenol-d5	6.83	99	351726	19.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.99	67	205515	19.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	279620	20.31	ng/ul	-0.01
13) 4-Methylphenol-d8	8.35	113	289927	20.64	ng/ul	-0.01
19) Nitrobenzene-d5	8.80	128	143112	19.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.51	143	161379	19.94	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.05	165	312491	20.79	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.56	131	273160	22.27	ng/ul	-0.01
44) Dimethylphthalate-d6	13.70	166	994556	19.63	ng/ul	-0.01
47) Acenaphthylene-d8	13.97	160	1240916	20.17	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.51	143	166756	17.62	ng/ul	0.00
58) Fluorene-d10	15.29	176	882222	20.05	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.42	200	168906	16.79	ng/ul	-0.01
71) Anthracene-d10	17.14	188	1429984	20.01	ng/ul	0.00
79) Pyrene-d10	19.44	212	1657176	20.66	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.31	264	1752308	20.14	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	34059	7.998	ng/uL	91
4) Benzaldehyde	6.80	77	62332	18.414	ng/ul	94
6) Phenol	6.85	94	352668	19.997	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.08	93	269711	20.187	ng/ul	99
10) 2-Chlorophenol	7.21	128	281289	20.335	ng/ul	99
11) 2-Methylphenol	8.09	108	270486	20.364	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.17	45	362911	20.383	ng/ul	98
14) Acetophenone	8.46	105	450335	20.811	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.45	70	225222	21.190	ng/ul	99
16) 4-Methylphenol	8.42	108	298350	20.856	ng/ul	98
17) Hexachloroethane	8.70	117	106509	19.690	ng/ul	92
20) Nitrobenzene	8.84	77	330937	19.410	ng/ul	98
21) Isophorone	9.36	82	621362	20.076	ng/ul	99
23) 2-Nitrophenol	9.55	139	173185	20.319	ng/ul	96
24) 2,4-Dimethylphenol	9.60	107	346614	20.455	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.85	93	395874	20.158	ng/ul	99
27) 2,4-Dichlorophenol	10.07	162	300537	20.876	ng/ul	99
28) Naphthalene	10.47	128	959545	19.871	ng/ul	99
30) 4-Chloroaniline	10.59	127	279681	22.302	ng/ul	97
31) Hexachlorobutadiene	10.75	225	183797	19.303	ng/ul	98
32) Caprolactam	11.36	113	97873	20.041	ng/ul	94
33) 4-Chloro-3-methylphenol	11.72	107	341552	21.574	ng/ul	99
34) 2-Methylnaphthalene	12.09	142	737050	20.772	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.31	142	705155	20.727 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	385254	19.400 ng/ul	97
38) Hexachlorocyclopentadiene	12.43	237	184854	14.597 ng/ul	98
39) 2,4,6-Trichlorophenol	12.71	196	253573	20.126 ng/ul	99
40) 2,4,5-Trichlorophenol	12.78	196	265494	19.579 ng/ul	98
41) 1,1'-Biphenyl	13.12	154	959462	19.628 ng/ul	99
42) 2-Chloronaphthalene	13.15	162	751053	19.664 ng/ul	99
43) 2-Nitroaniline	13.37	65	215093	19.975 ng/ul	95
45) Dimethylphthalate	13.75	163	967628	19.710 ng/ul	100
46) 2,6-Dinitrotoluene	13.87	165	199849	20.283 ng/ul	98
48) Acenaphthylene	14.00	152	1161545	20.116 ng/ul	99
49) 3-Nitroaniline	14.21	138	181130	19.503 ng/ul	93
50) Acenaphthene	14.35	153	818276	19.792 ng/ul	100
51) 2,4-Dinitrophenol	14.42	184	78618	12.010 ng/ul	97
53) 4-Nitrophenol	14.52	109	128611	17.918 ng/ul	96
54) Dibenzofuran	14.69	168	1185051	20.234 ng/ul	99
55) 2,4-Dinitrotoluene	14.67	165	306742	20.868 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.92	232	260424	20.750 ng/ul#	99
57) Diethylphthalate	15.13	149	993988	20.252 ng/ul	99
59) Fluorene	15.34	166	980657	20.312 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.34	204	497378	20.134 ng/ul	99
61) 4-Nitroaniline	15.37	138	209953	18.853 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.43	198	172607	16.800 ng/ul	97
65) N-Nitrosodiphenylamine	15.56	169	865877	19.955 ng/ul	99
66) 4-Bromophenyl-phenylether	16.23	248	325144	20.052 ng/ul	98
67) Hexachlorobenzene	16.34	284	356869	19.508 ng/ul	99
68) Atrazine	16.52	200	312905	19.602 ng/ul	98
69) Pentachlorophenol	16.69	266	210065	18.387 ng/ul	99
70) Phenanthrene	17.08	178	1658209	19.998 ng/ul	100
72) Anthracene	17.17	178	1688664	20.051 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	385686	18.944 ng/uL	98
74) Pentachlorobenzene	14.60	250	406577	19.412 ng/uL	99
75) Carbazole	17.45	167	1497388	20.334 ng/ul	99
76) Di-n-butylphthalate	18.02	149	1705783	19.824 ng/ul	99
77) Fluoranthene	19.10	202	2001987	21.063 ng/ul	99
80) Pyrene	19.47	202	2066192	20.552 ng/ul	99
81) Butylbenzylphthalate	20.39	149	822055	20.484 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.16	252	626812	18.512 ng/ul	99
83) Benzo(a)anthracene	21.22	228	2120247	20.013 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.16	149	1211675	20.660 ng/ul	98
85) Chrysene	21.27	228	2020154	20.052 ng/ul	99
87) Di-n-octyl phthalate	22.03	149	2087694	24.326 ng/ul	100
88) Benzo(b)fluoranthene	22.79	252	2084780	21.616 ng/ul	99
89) Benzo(k)fluoranthene	22.83	252	1920702	20.387 ng/ul	100
91) Benzo(a)pyrene	23.35	252	1882613	19.980 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.65	276	1866414	16.280 ng/ul	98
93) Dibenzo(a,h)anthracene	25.66	278	1552551	16.218 ng/ul	100
94) Benzo(g,h,i)perylene	26.33	276	1543059	15.844 ng/ul	99

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

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