Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM120718\
Data File : BM017962.D
Acq On : 06 Dec 2018 11:56
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02079

Quant Time: Dec 06 12:46:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 04 00:18:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	200428	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.33	136	785128	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.21	164	399336	20.00	ng/ul	-0.02
61) Phenanthrene-d10	16.97	188	845125	20.00	ng/ul	-0.02
77) Chrysene-d12	21.18	240	930471	20.00	ng/ul	-0.01
85) Perylene-d12	23.36	264	995651	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	35933	8.21	ng/uL	-0.02
5) Phenol-d5	6.75	99	320441	17.51	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	6.92	67	189232	17.14	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.10	132	275345	19.22	ng/ul	-0.02
13) 4-Methylphenol-d8	8.27	113	251072	16.79	ng/ul	-0.02
19) Nitrobenzene-d5	8.72	128	125462	20.80	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.43	143	144182	20.87	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	9.96	165	256707	19.52	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.48	131	219052	19.40	ng/ul	-0.02
43) Dimethylphthalate-d6	13.63	166	656519	18.95	ng/ul	-0.02
46) Acenaphthylene-d8	13.90	160	857453	20.45	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.44	143	104079	16.52	ng/ul	-0.01
57) Fluorene-d10	15.21	176	561363	18.76	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.36	200	108618	17.98	ng/ul	-0.01
70) Anthracene-d10	17.07	188	829783	19.72	ng/ul	-0.02
78) Pyrene-d10	19.37	212	905544	20.11	ng/ul	-0.01
89) Benzo(a)pyrene-d12	23.22	264	1073548	19.88	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.20	88	37034	7.926	ng/uL	89
4) Benzaldehyde	6.73	77	57327	16.795	ng/ul	91
6) Phenol	6.78	94	312800	17.120	ng/ul	94
8) Bis(2-Chloroethyl)ether	7.00	93	247489	17.730	ng/ul	96
10) 2-Chlorophenol	7.13	128	279050	19.501	ng/ul	96
11) 2-Methylphenol	8.01	108	242613	17.404	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.09	45	279302	16.959	ng/ul	100
14) Acetophenone	8.39	105	379954	16.298	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.37	70	186222	15.316	ng/ul	98
16) 4-Methylphenol	8.34	108	253216	16.809	ng/ul	97
17) Hexachloroethane	8.62	117	116660	20.107	ng/ul	94
20) Nitrobenzene	8.76	77	277694	18.346	ng/ul	94
21) Isophorone	9.28	82	498240	17.694	ng/ul	99
23) 2-Nitrophenol	9.46	139	145962	20.298	ng/ul	94
24) 2,4-Dimethylphenol	9.52	107	282655	18.816	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.76	93	317256	18.412	ng/ul	98
27) 2,4-Dichlorophenol	9.99	162	243790	19.628	ng/ul	100
28) Naphthalene	10.38	128	822091	20.097	ng/ul	99
30) 4-Chloroaniline	10.51	127	222981	19.361	ng/ul	100
31) Hexachlorobutadiene	10.65	225	166951	20.239	ng/ul	98
32) Caprolactam	11.29	113	68013	16.551	ng/ul	98
33) 4-Chloro-3-methylphenol	11.64	107	241992	17.155	ng/ul	97
34) 2-Methylnaphthalene	12.00	142	561257	18.379	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.37	216	288671	21.664 ng/ul	97
37) Hexachlorocyclopentadiene	12.35	237	147487	17.164 ng/ul	97
38) 2,4,6-Trichlorophenol	12.63	196	179777	20.760 ng/ul	97
39) 2,4,5-Trichlorophenol	12.70	196	179457	19.376 ng/ul	97
40) 1,1'-Biphenyl	13.03	154	680100	20.689 ng/ul	100
41) 2-Chloronaphthalene	13.07	162	540139	21.005 ng/ul	98
42) 2-Nitroaniline	13.30	65	139218	18.592 ng/ul	95
44) Dimethylphthalate	13.68	163	633931	18.884 ng/ul	99
45) 2,6-Dinitrotoluene	13.80	165	129553	19.640 ng/ul	96
47) Acenaphthylene	13.93	152	802477	20.490 ng/ul	99
48) 3-Nitroaniline	14.14	138	121911	19.373 ng/ul	94
49) Acenaphthene	14.27	153	563495	19.964 ng/ul	99
50) 2,4-Dinitrophenol	14.36	184	62636	14.005 ng/ul	99
52) 4-Nitrophenol	14.46	109	79659	15.374 ng/ul	95
53) Dibenzofuran	14.62	168	770701	19.296 ng/ul	100
54) 2,4-Dinitrotoluene	14.60	165	189729	18.997 ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.85	232	162373	19.014 ng/ul#	96
56) Diethylphthalate	15.06	149	621856	17.982 ng/ul	99
58) Fluorene	15.27	166	623304	18.714 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.27	204	318469	18.614 ng/ul	99
60) 4-Nitroaniline	15.32	138	125785	17.980 ng/ul	94
63) 4,6-Dinitro-2-methylphenol	15.37	198	113670	18.256 ng/ul#	87
64) N-Nitrosodiphenylamine	15.49	169	539487	20.734 ng/ul	99
65) 4-Bromophenyl-phenylether	16.16	248	196637	20.362 ng/ul	96
66) Hexachlorobenzene	16.27	284	218089	20.317 ng/ul	98
67) Atrazine	16.45	200	183473	19.010 ng/ul	99
68) Pentachlorophenol	16.62	266	123048	18.425 ng/ul	98
69) Phenanthrene	17.01	178	958623	19.835 ng/ul	99
71) Anthracene	17.10	178	977701	19.781 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	12.99	216	279387	23.327 ng/uL	98
73) Pentachlorobenzene	14.53	250	263987	21.550 ng/uL	99
74) Carbazole	17.39	167	845039	19.403 ng/ul	99
75) Di-n-butylphthalate	17.95	149	1034264	18.792 ng/ul	99
76) Fluoranthene	19.04	202	1112580	19.572 ng/ul	99
79) Pyrene	19.40	202	1139871	20.180 ng/ul	98
80) Butylbenzylphthalate	20.32	149	474613	19.651 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.11	252	371340	19.387 ng/ul	98
82) Benzo(a)anthracene	21.16	228	1145284	19.845 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.10	149	710226	19.858 ng/ul	99
84) Chrysene	21.22	228	1081739	20.042 ng/ul	99
86) Di-n-octyl phthalate	21.97	149	1224215	17.555 ng/ul	100
87) Benzo(b)fluoranthene	22.71	252	1221851	19.743 ng/ul	99
88) Benzo(k)fluoranthene	22.75	252	1109465	18.445 ng/ul	99
90) Benzo(a)pyrene	23.26	252	1150286	19.599 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.51	276	1412897	22.720 ng/ul	99
92) Dibenzo(a,h)anthracene	25.53	278	1178903	22.453 ng/ul	99
93) Benzo(g,h,i)perylene	26.18	276	1193575	23.748 ng/ul	98

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

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