Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071619\
Data File : BM021484.D
Acq On : 17 Jul 2019 01:18
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02041

Manual Integrations APPROVED
mohammad
7/17/2019 8:00:28 AM

Quant Time: Jul 17 02:16:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 17 01:23:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	209886	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.51	136	824740	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	486391	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	1123636	20.00	ng/ul	0.00
77) Chrysene-d12	21.31	240	1162026	20.00	ng/ul	0.00
85) Perylene-d12	23.57	264	1307720	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	30924	7.26	ng/uL	0.00
5) Phenol-d5	6.90	99	296421	18.16	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.07	67	173686	17.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	256000	18.23	ng/ul	-0.01
13) 4-Methylphenol-d8	8.43	113	244122	18.78	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	123694	18.21	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.60	143	134974	17.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.13	165	279094	18.22	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.66	131	318306	22.98	ng/ul	-0.01
43) Dimethylphthalate-d6	13.78	166	770635	18.09	ng/ul	-0.01
46) Acenaphthylene-d8	14.06	160	991962	18.55	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.59	143	114134	16.91	ng/ul	-0.01
57) Fluorene-d10	15.36	176	679182	17.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	122003	16.15	ng/ul	0.00
70) Anthracene-d10	17.22	188	1066655	18.28	ng/ul	-0.01
78) Pyrene-d10	19.52	212	1178401	18.48	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.42	264	1293330	17.20	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	33895	7.569	ng/uL	98
4) Benzaldehyde	6.88	77	213118	24.189	ng/ul	97
6) Phenol	6.93	94	303562	19.434	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.16	93	233986	19.374	ng/ul	97
10) 2-Chlorophenol	7.29	128	260392	19.289	ng/ul	100
11) 2-Methylphenol	8.17	108	232332	19.519	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.25	45	299993m	20.370	ng/ul	
14) Acetophenone	8.55	105	384881	19.658	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.53	70	191410	19.496	ng/ul	97
16) 4-Methylphenol	8.49	108	246885	19.564	ng/ul	94
17) Hexachloroethane	8.79	117	116831	19.792	ng/ul	99
20) Nitrobenzene	8.93	77	300785	19.767	ng/ul	99
21) Isophorone	9.45	82	522488	19.373	ng/ul	99
23) 2-Nitrophenol	9.63	139	146095	19.097	ng/ul	96
24) 2,4-Dimethylphenol	9.69	107	288225	19.365	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.93	93	327328	19.457	ng/ul	98
27) 2,4-Dichlorophenol	10.16	162	270404	19.294	ng/ul	98
28) Naphthalene	10.56	128	828397	19.300	ng/ul	100
30) 4-Chloroaniline	10.68	127	315930	23.861	ng/ul	98
31) Hexachlorobutadiene	10.82	225	201570	19.461	ng/ul	99
32) Caprolactam	11.48	113	83823m	22.919	ng/ul	
33) 4-Chloro-3-methylphenol	11.80	107	253207	19.410	ng/ul	98
34) 2-Methylnaphthalene	12.17	142	610691	19.302	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.54	216	375421	19.846 ng/ul	98
37) Hexachlorocyclopentadiene	12.51	237	183305	19.049 ng/ul	99
38) 2,4,6-Trichlorophenol	12.79	196	220495	19.587 ng/ul	95
39) 2,4,5-Trichlorophenol	12.87	196	234969	19.692 ng/ul	97
40) 1,1'-Biphenyl	13.19	154	801302	19.684 ng/ul	99
41) 2-Chloronaphthalene	13.24	162	639942	19.615 ng/ul	99
42) 2-Nitroaniline	13.46	65	139214	19.528 ng/ul	99
44) Dimethylphthalate	13.83	163	770691	19.429 ng/ul	99
45) 2,6-Dinitrotoluene	13.96	165	140384	19.435 ng/ul	97
47) Acenaphthylene	14.09	152	907819	19.509 ng/ul	100
48) 3-Nitroaniline	14.29	138	126209	19.423 ng/ul	96
49) Acenaphthene	14.43	153	662327	19.588 ng/ul	99
50) 2,4-Dinitrophenol	14.51	184	68134	15.684 ng/ul	99
52) 4-Nitrophenol	14.60	109	96876	19.266 ng/ul	93
53) Dibenzofuran	14.77	168	956947	19.537 ng/ul	99
54) 2,4-Dinitrotoluene	14.75	165	216221	19.517 ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.00	232	211481	19.887 ng/ul	98
56) Diethylphthalate	15.20	149	735434	19.311 ng/ul	99
58) Fluorene	15.42	166	769809	19.426 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.42	204	427385	19.298 ng/ul	99
60) 4-Nitroaniline	15.46	138	124592	18.674 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.52	198	126969	16.897 ng/ul	98
64) N-Nitrosodiphenylamine	15.63	169	652707	19.527 ng/ul	100
65) 4-Bromophenyl-phenylether	16.31	248	269277	19.369 ng/ul	97
66) Hexachlorobenzene	16.42	284	321120	19.428 ng/ul	99
67) Atrazine	16.59	200	283748	22.978 ng/ul	97
68) Pentachlorophenol	16.77	266	164272	18.855 ng/ul	99
69) Phenanthrene	17.16	178	1218207	19.228 ng/ul	99
71) Anthracene	17.25	178	1251623	19.409 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.16	216	364010	19.762 ng/uL	99
73) Pentachlorobenzene	14.68	250	383995	20.237 ng/uL	99
74) Carbazole	17.53	167	1037694	19.387 ng/ul	99
75) Di-n-butylphthalate	18.09	149	1175647	19.172 ng/ul	100
76) Fluoranthene	19.18	202	1456045	19.354 ng/ul	100
79) Pyrene	19.54	202	1491700	19.397 ng/ul	99
80) Butylbenzylphthalate	20.44	149	508233	18.656 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.23	252	495630	19.183 ng/ul	100
82) Benzo(a)anthracene	21.29	228	1550091	19.479 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.22	149	741411	18.502 ng/ul	99
84) Chrysene	21.34	228	1457402	19.481 ng/ul	100
86) Di-n-octyl phthalate	22.10	149	1300581	18.410 ng/ul	100
87) Benzo(b)fluoranthene	22.89	252	1609071	19.745 ng/ul	100
88) Benzo(k)fluoranthene	22.93	252	1539874	18.971 ng/ul	99
90) Benzo(a)pyrene	23.47	252	1520070	19.312 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.84	276	1901962	19.561 ng/ul	99
92) Dibenzo(a,h)anthracene	25.85	278	1604728	19.633 ng/ul	99
93) Benzo(g,h,i)perylene	26.54	276	1575419	19.639 ng/ul	99

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

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