Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112618\
Data File : BM017762.D
Acq On : 26 Nov 2018 10:41
Operator : MJ/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02065

Manual Integrations APPROVED
mohammad
11/27/2018 11:52:33 AM

Quant Time: Nov 26 15:09:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Nov 23 21:57:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	190819	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	887863	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.24	164	559250	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	1335593	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	1549779	20.00	ng/ul	0.00
85) Perylene-d12	23.38	264	1533255	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.18	96	33243	7.97	ng/uL	0.00
5) Phenol-d5	6.78	99	336798	19.33	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	210530	20.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	278575	20.43	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	285647	20.06	ng/ul	0.00
19) Nitrobenzene-d5	8.75	128	134078	19.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	155520	19.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	300981	20.23	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	267902	20.99	ng/ul	-0.01
43) Dimethylphthalate-d6	13.66	166	947755	19.53	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	1172770	19.97	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	152625	17.30	ng/ul	0.00
57) Fluorene-d10	15.24	176	820339	19.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	173966	18.22	ng/ul	0.00
70) Anthracene-d10	17.09	188	1312786	19.74	ng/ul	0.00
78) Pyrene-d10	19.40	212	1476686	19.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.24	264	1635126	19.66	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.22	88	33937	7.629	ng/uL	97
4) Benzaldehyde	6.76	77	65607	20.189	ng/ul	97
6) Phenol	6.80	94	339426	19.512	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.03	93	260174	19.577	ng/ul	97
10) 2-Chlorophenol	7.16	128	274062	20.116	ng/ul	96
11) 2-Methylphenol	8.04	108	257186	19.378	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.12	45	304430	19.416	ng/ul	98
14) Acetophenone	8.42	105	442650	19.944	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.40	70	234562	20.263	ng/ul	99
16) 4-Methylphenol	8.36	108	282344	19.686	ng/ul	99
17) Hexachloroethane	8.65	117	109814	19.881	ng/ul	98
20) Nitrobenzene	8.79	77	339247	19.819	ng/ul	98
21) Isophorone	9.31	82	638511	20.052	ng/ul	100
23) 2-Nitrophenol	9.49	139	164856	20.272	ng/ul	95
24) 2,4-Dimethylphenol	9.55	107	343683	20.231	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.79	93	387452	19.884	ng/ul	100
27) 2,4-Dichlorophenol	10.02	162	280617	19.979	ng/ul	99
28) Naphthalene	10.41	128	916254	19.807	ng/ul	100
30) 4-Chloroaniline	10.53	127	271745	20.865	ng/ul	97
31) Hexachlorobutadiene	10.69	225	184192	19.746	ng/ul	99
32) Caprolactam	11.32	113	89106m	19.175	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	319991	20.060	ng/ul	99
34) 2-Methylnaphthalene	12.03	142	691849	20.034	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.40	216	367289	19.683 ng/ul	99
37) Hexachlorocyclopentadiene	12.37	237	209370	17.398 ng/ul	99
38) 2,4,6-Trichlorophenol	12.66	196	236725	19.519 ng/ul	97
39) 2,4,5-Trichlorophenol	12.73	196	246792	19.027 ng/ul	99
40) 1,1'-Biphenyl	13.06	154	897666	19.499 ng/ul	99
41) 2-Chloronaphthalene	13.10	162	706624	19.622 ng/ul	100
42) 2-Nitroaniline	13.33	65	214008	20.407 ng/ul	99
44) Dimethylphthalate	13.70	163	927081	19.720 ng/ul	100
45) 2,6-Dinitrotoluene	13.83	165	186813	20.223 ng/ul	99
47) Acenaphthylene	13.96	152	1092994	19.928 ng/ul	99
48) 3-Nitroaniline	14.16	138	171281	19.436 ng/ul	97
49) Acenaphthene	14.30	153	776738	19.651 ng/ul	99
50) 2,4-Dinitrophenol	14.37	184	101701	16.238 ng/ul	95
52) 4-Nitrophenol	14.48	109	137925	19.007 ng/ul	98
53) Dibenzofuran	14.64	168	1099928	19.665 ng/ul	99
54) 2,4-Dinitrotoluene	14.63	165	283378	20.260 ng/ul#	95
55) 2,3,4,6-Tetrachlorophenol	14.87	232	238710	19.960 ng/ul#	98
56) Diethylphthalate	15.08	149	963081	19.886 ng/ul	100
58) Fluorene	15.29	166	928881	19.914 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.29	204	472191	19.708 ng/ul	100
60) 4-Nitroaniline	15.33	138	174771	17.839 ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.39	198	184193	18.719 ng/ul	99
64) N-Nitrosodiphenylamine	15.51	169	807178	19.630 ng/ul	97
65) 4-Bromophenyl-phenylether	16.19	248	294816	19.317 ng/ul	93
66) Hexachlorobenzene	16.29	284	330328	19.472 ng/ul	96
67) Atrazine	16.47	200	290457	19.043 ng/ul	98
68) Pentachlorophenol	16.65	266	191242	18.121 ng/ul	97
69) Phenanthrene	17.03	178	1497398	19.605 ng/ul	99
71) Anthracene	17.13	178	1540507	19.722 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.02	216	361951	19.123 ng/uL	99
73) Pentachlorobenzene	14.56	250	374579	19.349 ng/uL	98
74) Carbazole	17.40	167	1337324	19.430 ng/ul	99
75) Di-n-butylphthalate	17.97	149	1677878	19.290 ng/ul	100
76) Fluoranthene	19.06	202	1777632	19.787 ng/ul	98
79) Pyrene	19.43	202	1855144	19.719 ng/ul	100
80) Butylbenzylphthalate	20.34	149	800839	19.908 ng/ul	97
81) 3,3'-Dichlorobenzidine	21.12	252	604886	18.960 ng/ul	99
82) Benzo(a)anthracene	21.18	228	1901445	19.781 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.12	149	1203066	20.196 ng/ul	99
84) Chrysene	21.23	228	1799555	20.017 ng/ul	99
86) Di-n-octyl phthalate	21.99	149	2036867	18.967 ng/ul	100
87) Benzo(b)fluoranthene	22.73	252	1862461	19.542 ng/ul	100
88) Benzo(k)fluoranthene	22.77	252	1820355	19.653 ng/ul	99
90) Benzo(a)pyrene	23.29	252	1771951	19.606 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.56	276	1836220	19.174 ng/ul	100
92) Dibenzo(a,h)anthracene	25.57	278	1529120	18.912 ng/ul	99
93) Benzo(g,h,i)perylene	26.22	276	1499261	19.371 ng/ul	98

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

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