Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019360.D
Acq On : 23 Mar 2019 19:59
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02063

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3/26/2019 6:25:37 PM

Quant Time: Mar 24 06:10:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 23 23:32:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	133167	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	577685	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	334544	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.03	188	745752	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	853933	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	916535	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	25617	7.53	ng/uL	0.00
5) Phenol-d5	6.79	99	221440	18.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	146433	18.44	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	172536	19.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	171253	19.24	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	79003	19.17	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	84279	18.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	167225	19.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	206099	19.83	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	515562	19.10	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	643867	19.08	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.50	143	74964	17.72	ng/ul	0.00
58) Fluorene-d10	15.27	176	444754	19.12	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	81431	16.51	ng/ul	0.00
71) Anthracene-d10	17.12	188	677126	18.92	ng/ul	-0.01
79) Pyrene-d10	19.43	212	729529	18.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	930812	19.16	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	28412	7.341	ng/uL#	89
4) Benzaldehyde	6.77	77	161498	19.012	ng/ul	99
6) Phenol	6.82	94	231833	18.735	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.06	93	175566	18.545	ng/ul	98
10) 2-Chlorophenol	7.17	128	179587	19.656	ng/ul	97
11) 2-Methylphenol	8.06	108	166067	19.242	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.13	45	166925m	18.602	ng/ul	
14) Acetophenone	8.45	105	272154	18.774	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.42	70	156155	19.222	ng/ul#	85
16) 4-Methylphenol	8.39	108	182453	19.276	ng/ul	98
17) Hexachloroethane	8.66	117	70291	18.306	ng/ul	82
20) Nitrobenzene	8.82	77	221452	18.053	ng/ul	100
21) Isophorone	9.33	82	390776	18.569	ng/ul	98
23) 2-Nitrophenol	9.52	139	95094	18.796	ng/ul	96
24) 2,4-Dimethylphenol	9.58	107	204895	18.638	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.82	93	240322	18.925	ng/ul	98
27) 2,4-Dichlorophenol	10.05	162	166330	19.450	ng/ul	96
28) Naphthalene	10.44	128	566353	18.925	ng/ul	99
30) 4-Chloroaniline	10.57	127	211583	19.338	ng/ul	97
31) Hexachlorobutadiene	10.70	225	99402	18.425	ng/ul	97
32) Caprolactam	11.39	113	47750m	18.806	ng/ul	
33) 4-Chloro-3-methylphenol	11.70	107	179537	19.477	ng/ul	96
34) 2-Methylnaphthalene	12.06	142	403374	19.236	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.29	142	377773	19.080	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.43	216	195581	18.372	ng/ul#	96
38) Hexachlorocyclopentadiene	12.40	237	116132	21.268	ng/ul#	99
39) 2,4,6-Trichlorophenol	12.69	196	123946	18.662	ng/ul	99
40) 2,4,5-Trichlorophenol	12.77	196	132173	18.556	ng/ul	98
41) 1,1'-Biphenyl	13.09	154	524353	18.403	ng/ul#	94
42) 2-Chloronaphthalene	13.13	162	406407	18.625	ng/ul	97
43) 2-Nitroaniline	13.37	65	113388	18.922	ng/ul	92
45) Dimethylphthalate	13.73	163	519523	19.182	ng/ul#	98
46) 2,6-Dinitrotoluene	13.87	165	98047	19.720	ng/ul	92
48) Acenaphthylene	13.99	152	632364	18.902	ng/ul	98
49) 3-Nitroaniline	14.21	138	92292	18.969	ng/ul	95
50) Acenaphthene	14.33	153	439057	18.635	ng/ul	99
51) 2,4-Dinitrophenol	14.42	184	54076	18.784	ng/ul#	79
53) 4-Nitrophenol	14.52	109	57787	17.449	ng/ul#	78
54) Dibenzofuran	14.67	168	622581	18.922	ng/ul	99
55) 2,4-Dinitrotoluene	14.66	165	149546	20.311	ng/ul#	67
56) 2,3,4,6-Tetrachlorophenol	14.90	232	116104	19.350	ng/ul#	83
57) Diethylphthalate	15.10	149	520823	19.550	ng/ul	96
59) Fluorene	15.32	166	505602	19.391	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.32	204	246743	18.970	ng/ul	93
61) 4-Nitroaniline	15.38	138	104766	19.726	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.42	198	87353	16.731	ng/ul#	91
65) N-Nitrosodiphenylamine	15.54	169	436947	18.833	ng/ul	100
66) 4-Bromophenyl-phenylether	16.22	248	150065	18.530	ng/ul	94
67) Hexachlorobenzene	16.32	284	179570	18.311	ng/ul#	89
68) Atrazine	16.50	200	147678	18.188	ng/ul	97
69) Pentachlorophenol	16.68	266	107460	20.965	ng/ul	98
70) Phenanthrene	17.07	178	798540	18.886	ng/ul	99
72) Anthracene	17.16	178	813992	18.870	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.05	216	190233	17.595	ng/uL	99
74) Pentachlorobenzene	14.58	250	201976	17.859	ng/uL	97
75) Carbazole	17.44	167	704584	18.212	ng/ul	98
76) Di-n-butylphthalate	17.99	149	828170	19.312	ng/ul	100
77) Fluoranthene	19.10	202	906968	18.719	ng/ul#	89
80) Pyrene	19.46	202	945664	18.408	ng/ul#	85
81) Butylbenzylphthalate	20.37	149	382129	18.786	ng/ul#	89
82) 3,3'-Dichlorobenzidine	21.16	252	343744	18.530	ng/ul#	96
83) Benzo(a)anthracene	21.22	228	964065	18.757	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.14	149	560140	18.998	ng/ul#	95
85) Chrysene	21.27	228	920957	18.674	ng/ul	100
87) Di-n-octyl phthalate	22.01	149	996169	17.425	ng/ul	100
88) Benzo(b)fluoranthene	22.78	252	1055560	18.907	ng/ul#	96
89) Benzo(k)fluoranthene	22.83	252	998810	18.630	ng/ul#	97
91) Benzo(a)pyrene	23.35	252	1004212	18.816	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.68	276	1265491	18.935	ng/ul#	89
93) Dibenzo(a,h)anthracene	25.69	278	1071341	18.803	ng/ul#	95
94) Benzo(g,h,i)perylene	26.37	276	1053654	18.866	ng/ul#	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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