Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019797.D
Acq On : 08 Apr 2019 16:32
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02031

Manual Integrations APPROVED
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4/10/2019 6:16:28 PM

Quant Time: Apr 09 07:14:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Apr 09 06:31:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	122694	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	579033	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	347023	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	821870	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	866810	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	770367	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	21413	6.83	ng/uL	0.00
5) Phenol-d5	6.75	99	224437	20.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	139972	19.14	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	173440	20.95	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	178936	21.82	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	82958	20.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	94986	20.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	185337	21.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	231575	22.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	539653	19.27	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	684044	19.54	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	76048	17.33	ng/ul	0.00
58) Fluorene-d10	15.22	176	479633	19.88	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	94711	17.43	ng/ul	0.00
71) Anthracene-d10	17.08	188	758942	19.24	ng/ul	0.00
79) Pyrene-d10	19.39	212	853008	21.30	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.25	264	792289	19.40	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	23560	6.607	ng/uL#	94
4) Benzaldehyde	6.73	77	164214	20.982	ng/ul	98
6) Phenol	6.77	94	236975	20.785	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.00	93	167335	19.185	ng/ul	99
10) 2-Chlorophenol	7.12	128	175327	20.828	ng/ul	99
11) 2-Methylphenol	8.01	108	171411	21.557	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.07	45	154697	18.711	ng/ul#	81
14) Acetophenone	8.39	105	277436	20.772	ng/ul#	95
15) N-Nitroso-di-n-propylamine	8.37	70	160082	21.388	ng/ul#	85
16) 4-Methylphenol	8.34	108	191271	21.932	ng/ul	97
17) Hexachloroethane	8.60	117	68272	19.297	ng/ul	87
20) Nitrobenzene	8.77	77	224224	18.236	ng/ul	97
21) Isophorone	9.28	82	419784	19.901	ng/ul	96
23) 2-Nitrophenol	9.47	139	103243	20.359	ng/ul	93
24) 2,4-Dimethylphenol	9.53	107	214699	19.484	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.77	93	238078	18.705	ng/ul	99
27) 2,4-Dichlorophenol	10.00	162	181898	21.221	ng/ul	97
28) Naphthalene	10.39	128	576295	19.212	ng/ul	99
30) 4-Chloroaniline	10.52	127	236829	21.595	ng/ul	99
31) Hexachlorobutadiene	10.64	225	103552	19.150	ng/ul	99
32) Caprolactam	11.33	113	56093m	22.040	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	189322	20.491	ng/ul	96
34) 2-Methylnaphthalene	12.01	142	411022	19.555	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.23	142	393993	19.853	ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	213528	19.337	ng/ul#	97
38) Hexachlorocyclopentadiene	12.34	237	147260	25.998	ng/ul#	97
39) 2,4,6-Trichlorophenol	12.64	196	143055	20.764	ng/ul	99
40) 2,4,5-Trichlorophenol	12.72	196	152776	20.677	ng/ul	97
41) 1,1'-Biphenyl	13.04	154	539092	18.240	ng/ul#	96
42) 2-Chloronaphthalene	13.09	162	424660	18.761	ng/ul	99
43) 2-Nitroaniline	13.32	65	123152	19.812	ng/ul	94
45) Dimethylphthalate	13.69	163	532215	18.944	ng/ul#	98
46) 2,6-Dinitrotoluene	13.83	165	112017	21.719	ng/ul	98
48) Acenaphthylene	13.94	152	663840	19.130	ng/ul	99
49) 3-Nitroaniline	14.17	138	106307	21.064	ng/ul	99
50) Acenaphthene	14.28	153	462579	18.927	ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	72314	24.216	ng/ul#	92
53) 4-Nitrophenol	14.49	109	53403	15.546	ng/ul#	71
54) Dibenzofuran	14.62	168	666745	19.535	ng/ul	95
55) 2,4-Dinitrotoluene	14.63	165	169927	22.249	ng/ul#	77
56) 2,3,4,6-Tetrachlorophenol	14.86	232	131972	21.204	ng/ul#	84
57) Diethylphthalate	15.06	149	530110	19.183	ng/ul	97
59) Fluorene	15.27	166	529558	19.579	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.27	204	265540	19.681	ng/ul	95
61) 4-Nitroaniline	15.34	138	121141	21.989	ng/ul	88
64) 4,6-Dinitro-2-methylphenol	15.39	198	97068	16.869	ng/ul	92
65) N-Nitrosodiphenylamine	15.50	169	468019	18.304	ng/ul	99
66) 4-Bromophenyl-phenylether	16.17	248	167849	18.806	ng/ul	97
67) Hexachlorobenzene	16.27	284	204275	18.901	ng/ul	94
68) Atrazine	16.46	200	166082	18.561	ng/ul	97
69) Pentachlorophenol	16.64	266	107157	18.969	ng/ul	97
70) Phenanthrene	17.02	178	872301	18.719	ng/ul	99
72) Anthracene	17.12	178	917047	19.290	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	207170	17.386	ng/uL	97
74) Pentachlorobenzene	14.53	250	220994	17.731	ng/uL	99
75) Carbazole	17.40	167	800120	18.766	ng/ul	99
76) Di-n-butylphthalate	17.95	149	1022338	21.632	ng/ul	99
77) Fluoranthene	19.05	202	1058870	19.830	ng/ul#	87
80) Pyrene	19.42	202	1094280	20.984	ng/ul#	86
81) Butylbenzylphthalate	20.33	149	499706	24.201	ng/ul	91
82) 3,3'-Dichlorobenzidine	21.12	252	385745	20.485	ng/ul#	97
83) Benzo(a)anthracene	21.17	228	1024263	19.632	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	709754	23.715	ng/ul	97
85) Chrysene	21.23	228	946023	18.897	ng/ul	99
87) Di-n-octyl phthalate	21.96	149	1244977	25.909	ng/ul	100
88) Benzo(b)fluoranthene	22.73	252	948528	20.214	ng/ul#	97
89) Benzo(k)fluoranthene	22.77	252	877334	19.469	ng/ul#	97
91) Benzo(a)pyrene	23.30	252	850286	18.954	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	25.60	276	1020023	18.158	ng/ul#	88
93) Dibenzo(a,h)anthracene	25.61	278	867932	18.123	ng/ul#	96
94) Benzo(g,h,i)perylene	26.29	276	823363	17.540	ng/ul#	92

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

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