Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM040819\
Data File : BM019787.D
Acq On : 08 Apr 2019 10:27
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02030

Manual Integrations APPROVED
Sohil
4/10/2019 6:16:19 PM

Quant Time: Apr 09 06:31:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Apr 06 00:13:11 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	110078	20.00	ng/ul	0.00
18) Naphthalene-d8	10.33	136	519674	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.22	164	319543	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.98	188	747740	20.00	ng/ul	0.00
78) Chrysene-d12	21.19	240	832552	20.00	ng/ul	0.00
86) Perylene-d12	23.39	264	724075	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	19816	7.05	ng/uL	0.00
5) Phenol-d5	6.75	99	195911	19.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	123189	18.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	155018	20.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	157148	21.36	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	73575	19.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	85453	20.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	164140	21.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	202653	21.68	ng/ul	0.00
44) Dimethylphthalate-d6	13.64	166	494607	19.18	ng/ul	0.00
47) Acenaphthylene-d8	13.91	160	621124	19.27	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	67304	16.65	ng/ul	0.00
58) Fluorene-d10	15.22	176	445633	20.06	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.37	200	81798	16.54	ng/ul	0.00
71) Anthracene-d10	17.08	188	707431	19.72	ng/ul	0.00
79) Pyrene-d10	19.39	212	782213	20.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.25	264	743689	19.37	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	22925	7.166	ng/uL	95
4) Benzaldehyde	6.73	77	146002	20.793	ng/ul	98
6) Phenol	6.77	94	207619	20.297	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.00	93	148199	18.938	ng/ul	99
10) 2-Chlorophenol	7.12	128	155404	20.577	ng/ul	98
11) 2-Methylphenol	8.01	108	148907	20.873	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.09	45	140207m	18.902	ng/ul	
14) Acetophenone	8.39	105	249317	20.806	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.37	70	142560	21.229	ng/ul#	86
16) 4-Methylphenol	8.34	108	169784	21.700	ng/ul	100
17) Hexachloroethane	8.60	117	59484	18.740	ng/ul	86
20) Nitrobenzene	8.77	77	206067	18.674	ng/ul	99
21) Isophorone	9.28	82	376175	19.871	ng/ul	98
23) 2-Nitrophenol	9.47	139	93594	20.564	ng/ul	96
24) 2,4-Dimethylphenol	9.53	107	195465	19.764	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.77	93	212333	18.587	ng/ul	97
27) 2,4-Dichlorophenol	10.00	162	161355	20.974	ng/ul	97
28) Naphthalene	10.38	128	517114	19.208	ng/ul	98
30) 4-Chloroaniline	10.53	127	208939	21.228	ng/ul	100
31) Hexachlorobutadiene	10.64	225	91449	18.843	ng/ul	97
32) Caprolactam	11.33	113	49652m	21.738	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	182720	22.035	ng/ul	97
34) 2-Methylnaphthalene	12.01	142	384498	20.383	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.23	142	358827	20.146	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.38	216	189043	18.592	ng/ul#	94
38) Hexachlorocyclopentadiene	12.34	237	128584	24.654	ng/ul#	98
39) 2,4,6-Trichlorophenol	12.65	196	128841	20.309	ng/ul	98
40) 2,4,5-Trichlorophenol	12.72	196	134422	19.758	ng/ul	97
41) 1,1'-Biphenyl	13.04	154	500128	18.376	ng/ul#	95
42) 2-Chloronaphthalene	13.09	162	398056	19.098	ng/ul	99
43) 2-Nitroaniline	13.33	65	118494	20.702	ng/ul	97
45) Dimethylphthalate	13.69	163	493652	19.082	ng/ul	98
46) 2,6-Dinitrotoluene	13.83	165	98367	20.713	ng/ul	97
48) Acenaphthylene	13.94	152	607014	18.996	ng/ul	99
49) 3-Nitroaniline	14.17	138	98288	21.150	ng/ul	98
50) Acenaphthene	14.28	153	423375	18.813	ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	61920	22.518	ng/ul#	86
53) 4-Nitrophenol	14.49	109	53452	16.898	ng/ul#	76
54) Dibenzofuran	14.62	168	610014	19.410	ng/ul	97
55) 2,4-Dinitrotoluene	14.63	165	151318	21.517	ng/ul#	69
56) 2,3,4,6-Tetrachlorophenol	14.86	232	119351	20.825	ng/ul#	81
57) Diethylphthalate	15.06	149	498487	19.590	ng/ul	97
59) Fluorene	15.27	166	502224	20.166	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.27	204	245190	19.735	ng/ul	93
61) 4-Nitroaniline	15.34	138	109289	21.544	ng/ul	91
64) 4,6-Dinitro-2-methylphenol	15.39	198	86066	16.440	ng/ul	93
65) N-Nitrosodiphenylamine	15.50	169	431717	18.558	ng/ul	100
66) 4-Bromophenyl-phenylether	16.17	248	151059	18.603	ng/ul	93
67) Hexachlorobenzene	16.27	284	181873	18.496	ng/ul	94
68) Atrazine	16.46	200	151840	18.651	ng/ul	98
69) Pentachlorophenol	16.63	266	95420	18.566	ng/ul	97
70) Phenanthrene	17.02	178	810736	19.123	ng/ul	100
72) Anthracene	17.12	178	844214	19.518	ng/ul	97
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	188002	17.342	ng/uL	98
74) Pentachlorobenzene	14.53	250	199767	17.617	ng/uL	98
75) Carbazole	17.40	167	750345	19.344	ng/ul	98
76) Di-n-butylphthalate	17.95	149	891447	20.733	ng/ul	99
77) Fluoranthene	19.05	202	940905	19.368	ng/ul#	88
80) Pyrene	19.42	202	1007537	20.116	ng/ul#	83
81) Butylbenzylphthalate	20.33	149	447324	22.556	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.12	252	345926	19.126	ng/ul#	96
83) Benzo(a)anthracene	21.17	228	985679	19.670	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.10	149	666361	23.182	ng/ul	96
85) Chrysene	21.23	228	908099	18.886	ng/ul	98
87) Di-n-octyl phthalate	21.96	149	1171590	25.941	ng/ul	100
88) Benzo(b)fluoranthene	22.73	252	881060	19.976	ng/ul#	97
89) Benzo(k)fluoranthene	22.77	252	854731	20.180	ng/ul#	97
91) Benzo(a)pyrene	23.30	252	800999	18.997	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	25.60	276	932757	17.666	ng/ul#	89
93) Dibenzo(a,h)anthracene	25.61	278	791219	17.578	ng/ul#	97
94) Benzo(g,h,i)perylene	26.28	276	753937	17.088	ng/ul#	92

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

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