Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051719\
Data File : BM020385.D
Acq On : 18 May 2019 04:34
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02013

Manual Integrations APPROVED
mohammad
5/20/2019 2:46:44 PM

Quant Time: May 18 05:15:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat May 18 04:16:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	75578	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	283031	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	181140	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	452216	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	514075	20.00	ng/ul	-0.01
85) Perylene-d12	23.59	264	561670	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	17449	8.52	ng/uL	0.00
5) Phenol-d5	6.90	99	116581	19.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	76288	19.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	88866	20.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	83423	19.00	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	37171	20.19	ng/ul	0.00
22) 2-Nitrophenol-d4	9.62	143	37852	18.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	92934	21.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	96891	21.84	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	269239	20.66	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	333163	20.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	34586	18.28	ng/ul	0.00
57) Fluorene-d10	15.37	176	246159	21.24	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.51	200	42578	16.53	ng/ul	0.00
70) Anthracene-d10	17.23	188	404444	20.85	ng/ul	0.00
78) Pyrene-d10	19.53	212	475135	19.19	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.44	264	533775	20.91	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	18309	8.568	ng/uL	94
4) Benzaldehyde	6.89	77	94007	18.201	ng/ul	97
6) Phenol	6.93	94	123261	19.434	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.16	93	93342	19.474	ng/ul	94
10) 2-Chlorophenol	7.29	128	90961	20.157	ng/ul	98
11) 2-Methylphenol	8.17	108	82318	19.096	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.25	45	62798	19.266	ng/ul	95
14) Acetophenone	8.56	105	143762	19.178	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.54	70	82245	19.226	ng/ul	98
16) 4-Methylphenol	8.50	108	90689	19.421	ng/ul	97
17) Hexachloroethane	8.79	117	45010	21.120	ng/ul	91
20) Nitrobenzene	8.94	77	124782	20.806	ng/ul	99
21) Isophorone	9.46	82	215362	20.753	ng/ul	100
23) 2-Nitrophenol	9.65	139	43038	19.591	ng/ul	97
24) 2,4-Dimethylphenol	9.70	107	99325	19.716	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.95	93	116666	20.782	ng/ul	97
27) 2,4-Dichlorophenol	10.17	162	89839	21.501	ng/ul	98
28) Naphthalene	10.57	128	270361	20.791	ng/ul	99
30) 4-Chloroaniline	10.69	127	102123	22.512	ng/ul	96
31) Hexachlorobutadiene	10.83	225	80118	22.030	ng/ul	97
32) Caprolactam	11.49	113	20642m	17.311	ng/ul	
33) 4-Chloro-3-methylphenol	11.82	107	87209	20.651	ng/ul	95
34) 2-Methylnaphthalene	12.19	142	195628	20.778	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	140530	21.520 ng/ul	97
37) Hexachlorocyclopentadiene	12.52	237	61812	15.819 ng/ul	97
38) 2,4,6-Trichlorophenol	12.80	196	78023	20.448 ng/ul	94
39) 2,4,5-Trichlorophenol	12.87	196	83853	22.242 ng/ul	98
40) 1,1'-Biphenyl	13.21	154	264572	20.402 ng/ul	99
41) 2-Chloronaphthalene	13.25	162	217328	21.050 ng/ul	98
42) 2-Nitroaniline	13.47	65	48948	18.510 ng/ul	96
44) Dimethylphthalate	13.84	163	268571	20.832 ng/ul	98
45) 2,6-Dinitrotoluene	13.97	165	46811	20.800 ng/ul	98
47) Acenaphthylene	14.10	152	317263	20.638 ng/ul	99
48) 3-Nitroaniline	14.31	138	37704	19.940 ng/ul	94
49) Acenaphthene	14.45	153	218922	20.715 ng/ul	99
50) 2,4-Dinitrophenol	14.52	184	20021	14.362 ng/ul	91
52) 4-Nitrophenol	14.61	109	38084	19.252 ng/ul	97
53) Dibenzofuran	14.78	168	339625	21.221 ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	75120	21.813 ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.01	232	81121	21.381 ng/ul#	93
56) Diethylphthalate	15.20	149	263088	21.098 ng/ul	99
58) Fluorene	15.43	166	272521	21.256 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.43	204	164155	21.822 ng/ul	98
60) 4-Nitroaniline	15.47	138	38899	18.914 ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.52	198	45940	17.141 ng/ul#	96
64) N-Nitrosodiphenylamine	15.64	169	231276	20.669 ng/ul	97
65) 4-Bromophenyl-phenylether	16.32	248	102493	20.773 ng/ul	97
66) Hexachlorobenzene	16.43	284	121598	21.030 ng/ul	97
67) Atrazine	16.60	200	85838	18.741 ng/ul	96
68) Pentachlorophenol	16.78	266	65221	19.383 ng/ul	98
69) Phenanthrene	17.17	178	448272	20.804 ng/ul	99
71) Anthracene	17.27	178	451999	20.622 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.17	216	144712	20.952 ng/uL	98
73) Pentachlorobenzene	14.69	250	139133	20.700 ng/uL	97
74) Carbazole	17.54	167	369024	19.836 ng/ul	99
75) Di-n-butylphthalate	18.09	149	413393	20.472 ng/ul	99
76) Fluoranthene	19.19	202	570817	20.972 ng/ul	99
79) Pyrene	19.56	202	599573	19.431 ng/ul	98
80) Butylbenzylphthalate	20.46	149	168565	17.424 ng/ul	100
81) 3,3'-Dichlorobenzidine	21.24	252	177871	18.878 ng/ul	94
82) Benzo(a)anthracene	21.30	228	642541	20.767 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.22	149	256545	18.269 ng/ul	100
84) Chrysene	21.36	228	609931	20.627 ng/ul	98
86) Di-n-octyl phthalate	22.11	149	451757	16.562 ng/ul	100
87) Benzo(b)fluoranthene	22.90	252	673828	21.020 ng/ul	98
88) Benzo(k)fluoranthene	22.95	252	643038	20.423 ng/ul	99
90) Benzo(a)pyrene	23.49	252	630152	20.888 ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.89	276	765571	22.271 ng/ul	98
92) Dibenzo(a,h)anthracene	25.90	278	649540	22.096 ng/ul	100
93) Benzo(g,h,i)perylene	26.60	276	631734	22.201 ng/ul	98

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

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