Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052219\
Data File : BM020496.D
Acq On : 22 May 2019 17:56
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02025

Manual Integrations APPROVED
mohammad
5/23/2019 2:22:07 PM

Quant Time: May 23 07:55:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu May 23 07:52:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	48598	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	182252	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	110511	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	267140	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	290445	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	337148	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	10338	7.85	ng/uL	0.00
5) Phenol-d5	6.86	99	79747	20.57	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	48194	19.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	61545	21.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	57732	20.45	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	25617	21.60	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	29798	22.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	63508	22.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	58072	20.33	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	169289	21.29	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	207832	20.90	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	21636	18.74	ng/ul	0.00
57) Fluorene-d10	15.34	176	147230	20.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	27472	18.05	ng/ul	0.00
70) Anthracene-d10	17.19	188	238814	20.84	ng/ul	0.00
78) Pyrene-d10	19.50	212	291203	20.81	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	316937	20.69	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	10891	7.926	ng/uL	95
4) Benzaldehyde	6.83	77	63674	19.172	ng/ul	96
6) Phenol	6.88	94	84125	20.627	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.11	93	61512	19.958	ng/ul	99
10) 2-Chlorophenol	7.24	128	61880	21.325	ng/ul	95
11) 2-Methylphenol	8.13	108	57875	20.880	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.21	45	42020m	20.049	ng/ul	
14) Acetophenone	8.51	105	92393	19.168	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.49	70	53579	19.478	ng/ul	98
16) 4-Methylphenol	8.46	108	60631	20.192	ng/ul	98
17) Hexachloroethane	8.74	117	28590	20.863	ng/ul	97
20) Nitrobenzene	8.89	77	80753	20.910	ng/ul	97
21) Isophorone	9.41	82	142085	21.263	ng/ul	99
23) 2-Nitrophenol	9.60	139	31213	22.065	ng/ul	94
24) 2,4-Dimethylphenol	9.65	107	68648	21.161	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.89	93	78141	21.617	ng/ul	98
27) 2,4-Dichlorophenol	10.13	162	59302	22.041	ng/ul	99
28) Naphthalene	10.52	128	173453	20.715	ng/ul	100
30) 4-Chloroaniline	10.65	127	61617	21.094	ng/ul	100
31) Hexachlorobutadiene	10.78	225	52088	22.243	ng/ul	97
32) Caprolactam	11.46	113	15288m	19.910	ng/ul	
33) 4-Chloro-3-methylphenol	11.77	107	59260	21.792	ng/ul	99
34) 2-Methylnaphthalene	12.14	142	125001	20.618	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.52	216	89277	22.408 ng/ul	97
37) Hexachlorocyclopentadiene	12.47	237	37551	15.752 ng/ul	96
38) 2,4,6-Trichlorophenol	12.76	196	53504	22.984 ng/ul	98
39) 2,4,5-Trichlorophenol	12.84	196	56024	24.358 ng/ul	96
40) 1,1'-Biphenyl	13.16	154	166028	20.986 ng/ul	99
41) 2-Chloronaphthalene	13.21	162	134208	21.307 ng/ul	99
42) 2-Nitroaniline	13.43	65	33100	20.517 ng/ul	97
44) Dimethylphthalate	13.80	163	168412	21.411 ng/ul	98
45) 2,6-Dinitrotoluene	13.94	165	28398	20.683 ng/ul	93
47) Acenaphthylene	14.06	152	197096	21.015 ng/ul	99
48) 3-Nitroaniline	14.27	138	23121	20.043 ng/ul	94
49) Acenaphthene	14.40	153	133779	20.749 ng/ul	99
50) 2,4-Dinitrophenol	14.49	184	17002	19.991 ng/ul	99
52) 4-Nitrophenol	14.59	109	22750	18.850 ng/ul	93
53) Dibenzofuran	14.74	168	205950	21.093 ng/ul	99
54) 2,4-Dinitrotoluene	14.73	165	43540	20.723 ng/ul#	81
55) 2,3,4,6-Tetrachlorophenol	14.97	232	51637	22.308 ng/ul#	94
56) Diethylphthalate	15.16	149	158725	20.864 ng/ul	97
58) Fluorene	15.39	166	164007	20.968 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.39	204	98872	21.544 ng/ul	97
60) 4-Nitroaniline	15.44	138	20052	15.981 ng/ul	96
63) 4,6-Dinitro-2-methylphenol	15.50	198	28405	17.941 ng/ul#	98
64) N-Nitrosodiphenylamine	15.60	169	139469	21.100 ng/ul	98
65) 4-Bromophenyl-phenylether	16.28	248	63658	21.841 ng/ul	98
66) Hexachlorobenzene	16.39	284	73507	21.520 ng/ul	100
67) Atrazine	16.56	200	54319	20.076 ng/ul	98
68) Pentachlorophenol	16.75	266	39756	20.001 ng/ul	99
69) Phenanthrene	17.14	178	264962	20.816 ng/ul	100
71) Anthracene	17.23	178	270226	20.871 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.13	216	91223	22.358 ng/uL	97
73) Pentachlorobenzene	14.66	250	87070	21.929 ng/uL	99
74) Carbazole	17.51	167	224615	20.438 ng/ul	99
75) Di-n-butylphthalate	18.05	149	262327	21.991 ng/ul	100
76) Fluoranthene	19.16	202	345745	21.503 ng/ul	99
79) Pyrene	19.53	202	352573	20.224 ng/ul	100
80) Butylbenzylphthalate	20.42	149	122338	22.382 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.21	252	129533	24.333 ng/ul	99
82) Benzo(a)anthracene	21.27	228	371853	21.272 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.19	149	186241	23.475 ng/ul	99
84) Chrysene	21.33	228	353230	21.144 ng/ul	98
86) Di-n-octyl phthalate	22.07	149	324071	19.793 ng/ul	100
87) Benzo(b)fluoranthene	22.86	252	389355	20.235 ng/ul	98
88) Benzo(k)fluoranthene	22.90	252	374690	19.825 ng/ul	100
90) Benzo(a)pyrene	23.44	252	375096	20.714 ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.83	276	477989	23.165 ng/ul	98
92) Dibenzo(a,h)anthracene	25.84	278	405979	23.008 ng/ul	99
93) Benzo(g,h,i)perylene	26.53	276	401787	23.524 ng/ul	97

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

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