Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052019\
Data File : BM020449.D
Acq On : 21 May 2019 03:36
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02020

Manual Integrations APPROVED
mohammad
5/21/2019 3:26:47 PM

Quant Time: May 21 08:36:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 21 07:44:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	71284	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	267411	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.38	164	166363	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.13	188	400889	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	434753	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	461688	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	15413	7.98	ng/uL	0.00
5) Phenol-d5	6.90	99	116689	20.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	73560	20.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	91166	21.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.43	113	86146	20.80	ng/ul	0.00
19) Nitrobenzene-d5	8.90	128	38522	22.14	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	43633	22.74	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.15	165	92907	22.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.67	131	90968	21.71	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	262075	21.90	ng/ul	0.00
46) Acenaphthylene-d8	14.07	160	329838	22.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	33279	19.15	ng/ul	0.00
57) Fluorene-d10	15.37	176	230385	21.64	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.52	200	35543	15.57	ng/ul	-0.01
70) Anthracene-d10	17.23	188	378697	22.02	ng/ul	0.00
78) Pyrene-d10	19.53	212	443421	21.17	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.45	264	466743	22.25	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	16404	8.138	ng/uL	96
4) Benzaldehyde	6.89	77	94704	19.440	ng/ul	98
6) Phenol	6.92	94	121316	20.280	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.16	93	91795	20.305	ng/ul	99
10) 2-Chlorophenol	7.29	128	91522	21.503	ng/ul	97
11) 2-Methylphenol	8.17	108	85291	20.978	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.26	45	64156m	20.869	ng/ul	
14) Acetophenone	8.56	105	141782	20.053	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.54	70	83057	20.585	ng/ul	98
16) 4-Methylphenol	8.50	108	90206	20.481	ng/ul	99
17) Hexachloroethane	8.79	117	43597	21.689	ng/ul	95
20) Nitrobenzene	8.94	77	122518	21.622	ng/ul	95
21) Isophorone	9.46	82	218246	22.259	ng/ul	99
23) 2-Nitrophenol	9.65	139	46112	22.217	ng/ul	99
24) 2,4-Dimethylphenol	9.70	107	104686	21.994	ng/ul	94
25) Bis(2-Chloroethoxy)methane	9.94	93	118092	22.265	ng/ul	98
27) 2,4-Dichlorophenol	10.17	162	88944	22.530	ng/ul	98
28) Naphthalene	10.57	128	270235	21.995	ng/ul	100
30) 4-Chloroaniline	10.69	127	93523	21.820	ng/ul	100
31) Hexachlorobutadiene	10.83	225	75052	21.843	ng/ul	95
32) Caprolactam	11.49	113	24196m	21.477	ng/ul	
33) 4-Chloro-3-methylphenol	11.82	107	91358	22.897	ng/ul	99
34) 2-Methylnaphthalene	12.19	142	192528	21.643	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.56	216	133067	22.187 ng/ul	99
37) Hexachlorocyclopentadiene	12.52	237	63369	17.658 ng/ul	97
38) 2,4,6-Trichlorophenol	12.80	196	80147	22.870 ng/ul	98
39) 2,4,5-Trichlorophenol	12.87	196	83860	24.220 ng/ul	98
40) 1,1'-Biphenyl	13.21	154	262196	22.015 ng/ul	98
41) 2-Chloronaphthalene	13.25	162	213986	22.567 ng/ul	98
42) 2-Nitroaniline	13.47	65	53982	22.227 ng/ul	98
44) Dimethylphthalate	13.84	163	258116	21.799 ng/ul	99
45) 2,6-Dinitrotoluene	13.97	165	46567	22.529 ng/ul	94
47) Acenaphthylene	14.10	152	313403	22.198 ng/ul	99
48) 3-Nitroaniline	14.31	138	38145	21.965 ng/ul	95
49) Acenaphthene	14.44	153	210774	21.716 ng/ul	100
50) 2,4-Dinitrophenol	14.52	184	26900	21.011 ng/ul	96
52) 4-Nitrophenol	14.62	109	36412	20.041 ng/ul	98
53) Dibenzofuran	14.78	168	323165	21.986 ng/ul	98
54) 2,4-Dinitrotoluene	14.77	165	71024	22.455 ng/ul#	90
55) 2,3,4,6-Tetrachlorophenol	15.01	232	79606	22.845 ng/ul#	97
56) Diethylphthalate	15.20	149	250179	21.845 ng/ul	99
58) Fluorene	15.43	166	256116	21.751 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.43	204	152610	22.090 ng/ul	99
60) 4-Nitroaniline	15.47	138	37488	19.847 ng/ul	97
63) 4,6-Dinitro-2-methylphenol	15.53	198	37491	15.780 ng/ul#	99
64) N-Nitrosodiphenylamine	15.64	169	217898	21.967 ng/ul	100
65) 4-Bromophenyl-phenylether	16.32	248	95740	21.889 ng/ul	98
66) Hexachlorobenzene	16.43	284	113118	22.068 ng/ul	99
67) Atrazine	16.60	200	82619	20.348 ng/ul	99
68) Pentachlorophenol	16.78	266	63591	21.319 ng/ul	96
69) Phenanthrene	17.17	178	419609	21.968 ng/ul	99
71) Anthracene	17.27	178	437880	22.536 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.17	216	135149	22.073 ng/uL	98
73) Pentachlorobenzene	14.69	250	131240	22.026 ng/uL	99
74) Carbazole	17.54	167	352833	21.394 ng/ul	98
75) Di-n-butylphthalate	18.09	149	402362	22.477 ng/ul	99
76) Fluoranthene	19.20	202	530476	21.985 ng/ul	99
79) Pyrene	19.56	202	546670	20.949 ng/ul	99
80) Butylbenzylphthalate	20.46	149	176917	21.623 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.24	252	181405	22.766 ng/ul	95
82) Benzo(a)anthracene	21.31	228	576692	22.039 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.22	149	267738	22.545 ng/ul	100
84) Chrysene	21.36	228	549337	21.968 ng/ul	99
86) Di-n-octyl phthalate	22.11	149	475785	21.220 ng/ul	100
87) Benzo(b)fluoranthene	22.91	252	584370	22.177 ng/ul	99
88) Benzo(k)fluoranthene	22.95	252	559805	21.629 ng/ul	99
90) Benzo(a)pyrene	23.50	252	551819	22.253 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.91	276	660707	23.383 ng/ul	99
92) Dibenzo(a,h)anthracene	25.91	278	566179	23.432 ng/ul	99
93) Benzo(g,h,i)perylene	26.62	276	553000	23.643 ng/ul	99

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

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