Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
Data File : BM021655.D
Acq On : 26 Jul 2019 02:31
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02003

Manual Integrations APPROVED
mohammad
7/26/2019 3:24:23 PM

Quant Time: Jul 26 05:52:07 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	118068	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	577646	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	401358	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1055597	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1234176	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	1232861	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	14814	6.84	ng/uL	0.00
5) Phenol-d5	6.87	99	176188	17.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	99939	17.20	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	144826	18.44	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	158331	18.51	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	75862	17.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	85827	18.71	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	186380	18.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	211509	21.32	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	598018	17.39	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	752935	18.00	ng/ul	0.00
51) 4-Nitrophenol-d4	14.57	143	96889	16.42	ng/ul	0.00
57) Fluorene-d10	15.34	176	536650	17.29	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	94063	14.23	ng/ul	0.00
70) Anthracene-d10	17.20	188	913491	17.59	ng/ul	0.00
78) Pyrene-d10	19.49	212	1092650	18.14	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	1126145	17.11	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.28	88	15859	6.454	ng/uL	93
4) Benzaldehyde	6.86	77	87618	20.757	ng/ul	99
6) Phenol	6.90	94	179870	18.670	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.14	93	135002	18.947	ng/ul	97
10) 2-Chlorophenol	7.26	128	146110	19.291	ng/ul	96
11) 2-Methylphenol	8.14	108	144794	19.212	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.23	45	183135	19.404	ng/ul	98
14) Acetophenone	8.53	105	249212	19.411	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.50	70	126230	19.986	ng/ul	96
16) 4-Methylphenol	8.47	108	160212	19.249	ng/ul	100
17) Hexachloroethane	8.76	117	63730	18.896	ng/ul	98
20) Nitrobenzene	8.90	77	190107	17.987	ng/ul	100
21) Isophorone	9.42	82	376209	18.748	ng/ul	99
23) 2-Nitrophenol	9.60	139	91224	19.126	ng/ul	97
24) 2,4-Dimethylphenol	9.66	107	197637	18.921	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.90	93	219175	18.526	ng/ul	99
27) 2,4-Dichlorophenol	10.13	162	180587	18.889	ng/ul	99
28) Naphthalene	10.53	128	537310	18.355	ng/ul	99
30) 4-Chloroaniline	10.66	127	211728	21.884	ng/ul	98
31) Hexachlorobutadiene	10.79	225	121949	18.065	ng/ul	99
32) Caprolactam	11.46	113	69635m	23.316	ng/ul	
33) 4-Chloro-3-methylphenol	11.78	107	195438	19.159	ng/ul	98
34) 2-Methylnaphthalene	12.14	142	420756	18.589	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	254482	18.383	ng/ul	97
37) Hexachlorocyclopentadiene	12.48	237	138129	20.827	ng/ul#	95
38) 2,4,6-Trichlorophenol	12.77	196	165410	19.456	ng/ul	99
39) 2,4,5-Trichlorophenol	12.84	196	176888	19.117	ng/ul	98
40) 1,1'-Biphenyl	13.17	154	570351	18.360	ng/ul	99
41) 2-Chloronaphthalene	13.21	162	460928	18.595	ng/ul	99
42) 2-Nitroaniline	13.44	65	113673	20.512	ng/ul	97
44) Dimethylphthalate	13.81	163	597267	18.092	ng/ul	99
45) 2,6-Dinitrotoluene	13.94	165	109076	19.927	ng/ul	99
47) Acenaphthylene	14.06	152	688110	18.540	ng/ul	99
48) 3-Nitroaniline	14.27	138	99211	18.291	ng/ul#	95
49) Acenaphthene	14.40	153	497954	18.292	ng/ul	98
50) 2,4-Dinitrophenol	14.49	184	69269	19.760	ng/ul	97
52) 4-Nitrophenol	14.58	109	83364	17.890	ng/ul	98
53) Dibenzofuran	14.74	168	730282	18.170	ng/ul	99
54) 2,4-Dinitrotoluene	14.73	165	178986	19.246	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	14.97	232	170209	19.307	ng/ul	99
56) Diethylphthalate	15.17	149	594237	18.572	ng/ul	99
58) Fluorene	15.40	166	608043	18.291	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.39	204	333770	18.064	ng/ul	99
60) 4-Nitroaniline	15.44	138	105347	17.793	ng/ul	95
63) 4,6-Dinitro-2-methylphenol	15.50	198	97325	14.893	ng/ul	96
64) N-Nitrosodiphenylamine	15.61	169	522918	18.230	ng/ul	100
65) 4-Bromophenyl-phenylether	16.29	248	215947	18.229	ng/ul	98
66) Hexachlorobenzene	16.39	284	258537	17.890	ng/ul	100
67) Atrazine	16.57	200	235751	22.151	ng/ul	100
68) Pentachlorophenol	16.74	266	146479	17.811	ng/ul	98
69) Phenanthrene	17.14	178	1042746	18.106	ng/ul	99
71) Anthracene	17.23	178	1057731	18.160	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.13	216	256151	18.124	ng/uL	99
73) Pentachlorobenzene	14.66	250	293004	18.418	ng/uL	99
74) Carbazole	17.51	167	919038	18.398	ng/ul	99
75) Di-n-butylphthalate	18.06	149	1011372	19.272	ng/ul	100
76) Fluoranthene	19.16	202	1343368	18.816	ng/ul	100
79) Pyrene	19.52	202	1390670	18.916	ng/ul	99
80) Butylbenzylphthalate	20.43	149	487440	21.137	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.21	252	404742	16.661	ng/ul	97
82) Benzo(a)anthracene	21.27	228	1510449	18.669	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.19	149	726138	21.528	ng/ul	98
84) Chrysene	21.32	228	1408685	18.257	ng/ul	100
86) Di-n-octyl phthalate	22.07	149	1332673	23.904	ng/ul	100
87) Benzo(b)fluoranthene	22.86	252	1495785	20.068	ng/ul	99
88) Benzo(k)fluoranthene	22.90	252	1374996	18.804	ng/ul	99
90) Benzo(a)pyrene	23.43	252	1328353	18.560	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.79	276	1372251	15.788	ng/ul	100
92) Dibenzo(a,h)anthracene	25.80	278	1157185	15.830	ng/ul	99
93) Benzo(g,h,i)perylene	26.48	276	1094260	15.545	ng/ul	99

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

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