Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071519\
Data File : BM021452.D
Acq On : 15 Jul 2019 09:54
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02037

Manual Integrations APPROVED
mohammad
7/16/2019 8:38:29 AM

Quant Time: Jul 15 11:18:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 12 05:46:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.73	152	178236	20.00	ng/ul	0.00
18) Naphthalene-d8	10.52	136	743199	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.37	164	474852	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.12	188	1156521	20.00	ng/ul	0.00
77) Chrysene-d12	21.32	240	1126132	20.00	ng/ul	0.00
85) Perylene-d12	23.57	264	1055583	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	27212	7.52	ng/uL	0.00
5) Phenol-d5	6.90	99	272255	19.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.07	67	159029	19.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.26	132	232138	19.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.44	113	229126	20.76	ng/ul	0.00
19) Nitrobenzene-d5	8.89	128	114860	18.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.61	143	126013	18.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.14	165	267923	19.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.66	131	294597	23.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.79	166	814405	19.58	ng/ul	0.00
46) Acenaphthylene-d8	14.06	160	1004772	19.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.60	143	123500	18.74	ng/ul	0.00
57) Fluorene-d10	15.37	176	709261	19.11	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.50	200	139269	17.91	ng/ul	0.00
70) Anthracene-d10	17.22	188	1154779	19.22	ng/ul	0.00
78) Pyrene-d10	19.52	212	1271958	20.58	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.43	264	1088463	17.93	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	29079	7.646	ng/uL	96
4) Benzaldehyde	6.89	77	192100	25.675	ng/ul	97
6) Phenol	6.93	94	276475	20.843	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.16	93	217646	21.221	ng/ul	99
10) 2-Chlorophenol	7.30	128	234337	20.441	ng/ul	99
11) 2-Methylphenol	8.17	108	214827	21.254	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.26	45	277706	22.205	ng/ul	99
14) Acetophenone	8.56	105	367323	22.092	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.54	70	181785	21.804	ng/ul	97
16) 4-Methylphenol	8.50	108	233554	21.794	ng/ul	99
17) Hexachloroethane	8.79	117	102991	20.546	ng/ul	97
20) Nitrobenzene	8.93	77	278054	20.278	ng/ul	96
21) Isophorone	9.46	82	514256	21.160	ng/ul	100
23) 2-Nitrophenol	9.64	139	136244	19.764	ng/ul	96
24) 2,4-Dimethylphenol	9.70	107	274730	20.483	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.94	93	315165	20.790	ng/ul	99
27) 2,4-Dichlorophenol	10.17	162	257914	20.422	ng/ul	100
28) Naphthalene	10.56	128	782223	20.224	ng/ul	99
30) 4-Chloroaniline	10.69	127	292515	24.517	ng/ul	96
31) Hexachlorobutadiene	10.83	225	185061	19.828	ng/ul	99
32) Caprolactam	11.49	113	86612m	26.280	ng/ul	
33) 4-Chloro-3-methylphenol	11.81	107	254067	21.613	ng/ul	99
34) 2-Methylnaphthalene	12.18	142	591875	20.760	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.55	216	357528	19.360	ng/ul	99
37) Hexachlorocyclopentadiene	12.52	237	166856	17.761	ng/ul	99
38) 2,4,6-Trichlorophenol	12.80	196	221409	20.146	ng/ul	98
39) 2,4,5-Trichlorophenol	12.87	196	236855	20.333	ng/ul	97
40) 1,1'-Biphenyl	13.20	154	791999	19.928	ng/ul	99
41) 2-Chloronaphthalene	13.25	162	634519	19.922	ng/ul	99
42) 2-Nitroaniline	13.46	65	143656	20.641	ng/ul	98
44) Dimethylphthalate	13.84	163	808767	20.884	ng/ul	99
45) 2,6-Dinitrotoluene	13.96	165	148896	21.114	ng/ul	99
47) Acenaphthylene	14.09	152	921760	20.290	ng/ul	100
48) 3-Nitroaniline	14.30	138	131159	20.676	ng/ul	98
49) Acenaphthene	14.44	153	667591	20.224	ng/ul	99
50) 2,4-Dinitrophenol	14.52	184	72734	17.150	ng/ul	97
52) 4-Nitrophenol	14.61	109	99671	20.304	ng/ul	99
53) Dibenzofuran	14.77	168	973320	20.354	ng/ul	99
54) 2,4-Dinitrotoluene	14.76	165	236365	21.854	ng/ul	99
55) 2,3,4,6-Tetrachlorophenol	15.00	232	215108	20.720	ng/ul	99
56) Diethylphthalate	15.20	149	783262	21.067	ng/ul	99
58) Fluorene	15.43	166	797065	20.603	ng/ul	100
59) 4-Chlorophenyl-phenylether	15.42	204	445710	20.615	ng/ul	99
60) 4-Nitroaniline	15.47	138	137302	21.080	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.52	198	144662	18.704	ng/ul	98
64) N-Nitrosodiphenylamine	15.64	169	691238	20.092	ng/ul	99
65) 4-Bromophenyl-phenylether	16.32	248	284357	19.872	ng/ul	98
66) Hexachlorobenzene	16.42	284	337113	19.816	ng/ul	99
67) Atrazine	16.60	200	313006	24.626	ng/ul	100
68) Pentachlorophenol	16.77	266	179754	20.045	ng/ul	98
69) Phenanthrene	17.17	178	1308106	20.059	ng/ul	99
71) Anthracene	17.26	178	1342229	20.223	ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.16	216	351431	18.537	ng/uL	98
73) Pentachlorobenzene	14.69	250	388542	19.894	ng/uL	100
74) Carbazole	17.54	167	1122209	20.370	ng/ul	100
75) Di-n-butylphthalate	18.09	149	1323606	20.971	ng/ul	100
76) Fluoranthene	19.19	202	1585606	20.477	ng/ul	99
79) Pyrene	19.55	202	1612010	21.629	ng/ul	99
80) Butylbenzylphthalate	20.45	149	562342	21.300	ng/ul	99
81) 3,3'-Dichlorobenzidine	21.24	252	480427	19.187	ng/ul	99
82) Benzo(a)anthracene	21.30	228	1578277	20.465	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.22	149	824073	21.220	ng/ul	100
84) Chrysene	21.35	228	1477788	20.383	ng/ul	99
86) Di-n-octyl phthalate	22.11	149	1353725	23.740	ng/ul	100
87) Benzo(b)fluoranthene	22.89	252	1395587	21.216	ng/ul	99
88) Benzo(k)fluoranthene	22.94	252	1401013	21.383	ng/ul	100
90) Benzo(a)pyrene	23.47	252	1292757	20.347	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.85	276	1434568	18.278	ng/ul	100
92) Dibenzo(a,h)anthracene	25.86	278	1209196	18.327	ng/ul	98
93) Benzo(g,h,i)perylene	26.55	276	1171558	18.093	ng/ul	99

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

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