Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090819\
Data File : BM022572.D
Acq On : 08 Sep 2019 18:43
Operator : HP/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02059

Manual Integrations APPROVED
mohammad
9/10/2019 2:08:44 PM

Quant Time: Sep 09 01:40:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 06 23:41:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	276810	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1246187	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.49	164	789363	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.23	188	1619387	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	1691312	20.00	ng/ul	0.00
86) Perylene-d12	23.69	264	1915915	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	52562	7.91	ng/uL	0.00
5) Phenol-d5	7.01	99	517312	20.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	307480	21.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	408373	20.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	415680	20.02	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	193952	21.57	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	182921	22.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	412402	19.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	595269	21.41	ng/ul	0.00
44) Dimethylphthalate-d6	13.90	166	1267852	19.82	ng/ul	0.00
47) Acenaphthylene-d8	14.18	160	1606034	20.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.66	143	241067	22.07	ng/ul	0.00
58) Fluorene-d10	15.48	176	1074901	20.07	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.59	200	159738	21.70	ng/ul	0.00
71) Anthracene-d10	17.32	188	1697910	20.47	ng/ul	0.00
79) Pyrene-d10	19.61	212	1853510	19.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.54	264	1989819	19.32	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	52563	7.864	ng/uL	95
4) Benzaldehyde	6.99	77	342355	25.676	ng/ul	98
6) Phenol	7.04	94	527812	19.782	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.27	93	406492	20.060	ng/ul	99
10) 2-Chlorophenol	7.42	128	422042	19.909	ng/ul	99
11) 2-Methylphenol	8.29	108	403320	19.369	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.39	45	620463	20.819	ng/ul	99
14) Acetophenone	8.67	105	649211	20.041	ng/ul	100
15) N-Nitroso-di-n-propylamine	8.66	70	339895	19.426	ng/ul	98
16) 4-Methylphenol	8.62	108	437976	19.480	ng/ul	96
17) Hexachloroethane	8.95	117	166073	19.775	ng/ul	100
20) Nitrobenzene	9.05	77	481111	21.388	ng/ul	98
21) Isophorone	9.57	82	948987	18.827	ng/ul	99
23) 2-Nitrophenol	9.76	139	213138	21.660	ng/ul	98
24) 2,4-Dimethylphenol	9.82	107	482988	19.577	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.06	93	583791	19.753	ng/ul	99
27) 2,4-Dichlorophenol	10.29	162	400998	19.296	ng/ul	99
28) Naphthalene	10.70	128	1365882	19.769	ng/ul	100
30) 4-Chloroaniline	10.80	127	593184	20.768	ng/ul	100
31) Hexachlorobutadiene	11.00	225	235481	18.393	ng/ul	99
32) Caprolactam	11.55	113	183363m	23.703	ng/ul	
33) 4-Chloro-3-methylphenol	11.92	107	447711	19.523	ng/ul	99
34) 2-Methylnaphthalene	12.31	142	1008642	19.377	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.53	142	991490	19.936	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.68	216	480066	18.849	ng/ul	99
38) Hexachlorocyclopentadiene	12.67	237	279525	17.803	ng/ul	100
39) 2,4,6-Trichlorophenol	12.92	196	309001	19.381	ng/ul	98
40) 2,4,5-Trichlorophenol	12.99	196	337841	19.540	ng/ul	98
41) 1,1'-Biphenyl	13.32	154	1278903	19.456	ng/ul	99
42) 2-Chloronaphthalene	13.36	162	994113	19.976	ng/ul	99
43) 2-Nitroaniline	13.56	65	280787	24.166	ng/ul	98
45) Dimethylphthalate	13.95	163	1275326	19.642	ng/ul	100
46) 2,6-Dinitrotoluene	14.05	165	242558	22.946	ng/ul	99
48) Acenaphthylene	14.21	152	1511462	19.025	ng/ul	100
49) 3-Nitroaniline	14.37	138	275351	24.022	ng/ul#	98
50) Acenaphthene	14.55	153	1085609	19.721	ng/ul	99
51) 2,4-Dinitrophenol	14.58	184	97878	20.184	ng/ul#	77
53) 4-Nitrophenol	14.68	109	188481	21.470	ng/ul	98
54) Dibenzofuran	14.89	168	1494923	19.568	ng/ul	99
55) 2,4-Dinitrotoluene	14.84	165	357766	23.105	ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	15.11	232	281746	19.617	ng/ul	98
57) Diethylphthalate	15.31	149	1297975	19.322	ng/ul	99
59) Fluorene	15.53	166	1266956	20.157	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.53	204	612524	19.692	ng/ul	100
61) 4-Nitroaniline	15.54	138	302806	23.182	ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.60	198	174465	20.484	ng/ul	96
65) N-Nitrosodiphenylamine	15.74	169	1085528	19.644	ng/ul	100
66) 4-Bromophenyl-phenylether	16.42	248	377572	18.661	ng/ul	99
67) Hexachlorobenzene	16.54	284	430541	19.309	ng/ul	98
68) Atrazine	16.69	200	467659	22.014	ng/ul	99
69) Pentachlorophenol	16.87	266	230261	18.717	ng/ul	99
70) Phenanthrene	17.27	178	1987760	20.047	ng/ul	100
72) Anthracene	17.36	178	2042029	20.049	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.29	216	474926	18.838	ng/uL	99
74) Pentachlorobenzene	14.81	250	498738	19.625	ng/uL	99
75) Carbazole	17.62	167	1865844	20.382	ng/ul	100
76) Di-n-butylphthalate	18.20	149	2220050	19.149	ng/ul	100
77) Fluoranthene	19.27	202	2337315	20.771	ng/ul	96
80) Pyrene	19.64	202	2410293	19.692	ng/ul	99
81) Butylbenzylphthalate	20.54	149	981415	19.017	ng/ul	99
82) 3,3'-Dichlorobenzidine	21.32	252	849094	19.741	ng/ul	99
83) Benzo(a)anthracene	21.39	228	2459485	19.603	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.33	149	1529827	19.536	ng/ul	99
85) Chrysene	21.43	228	2295126	19.879	ng/ul	99
87) Di-n-octyl phthalate	22.22	149	2474066	18.039	ng/ul	100
88) Benzo(b)fluoranthene	23.00	252	2480998	19.683	ng/ul	99
89) Benzo(k)fluoranthene	23.04	252	2444466	19.957	ng/ul	100
91) Benzo(a)pyrene	23.59	252	2404521	19.993	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.02	276	2849118	20.507	ng/ul	98
93) Dibenzo(a,h)anthracene	26.03	278	2370044	20.499	ng/ul	99
94) Benzo(g,h,i)perylene	26.73	276	2263014	19.828	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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