Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062919\
Data File : BM021299.D
Acq On : 30 Jun 2019 15:21
Operator : HP/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02056

Manual Integrations APPROVED
mohammad
7/1/2019 4:16:37 PM

Quant Time: Jul 01 02:12:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 30 03:35:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	266911	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1151761	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	719400	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1509610	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1063396	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1262064	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	37340	6.64	ng/uL	0.00
5) Phenol-d5	6.93	99	450367	19.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	253740	18.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	375077	19.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.47	113	381915	19.69	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	195792	20.94	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	231187	22.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	456872	21.64	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	475556	21.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1282089	19.72	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1616166	20.31	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	186584	17.65	ng/ul	0.00
57) Fluorene-d10	15.40	176	1108141	19.60	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	157279	16.95	ng/ul	0.00
70) Anthracene-d10	17.25	188	1558846	19.87	ng/ul	0.00
78) Pyrene-d10	19.54	212	1356813	21.26	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	1477571	19.84	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	36420	6.403	ng/uL	95
4) Benzaldehyde	6.92	77	190099	17.948	ng/ul	98
6) Phenol	6.96	94	421692	19.190	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.19	93	311683	18.584	ng/ul	98
10) 2-Chlorophenol	7.33	128	351960	19.785	ng/ul	99
11) 2-Methylphenol	8.20	108	336728	19.805	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.29	45	393602	18.379	ng/ul	99
14) Acetophenone	8.59	105	547066	19.601	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.56	70	275474	18.964	ng/ul	98
16) 4-Methylphenol	8.53	108	362303	19.581	ng/ul	97
17) Hexachloroethane	8.82	117	140435	18.939	ng/ul	95
20) Nitrobenzene	8.96	77	406115	19.329	ng/ul	99
21) Isophorone	9.49	82	769125	19.438	ng/ul	98
23) 2-Nitrophenol	9.67	139	220436	21.117	ng/ul	98
24) 2,4-Dimethylphenol	9.73	107	427714	20.056	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.96	93	459504	18.845	ng/ul	99
27) 2,4-Dichlorophenol	10.20	162	407691	21.215	ng/ul	96
28) Naphthalene	10.59	128	1174538	19.862	ng/ul	100
30) 4-Chloroaniline	10.72	127	439407	21.219	ng/ul	100
31) Hexachlorobutadiene	10.86	225	268298	20.490	ng/ul	98
32) Caprolactam	11.52	113	111222m	20.587	ng/ul	
33) 4-Chloro-3-methylphenol	11.85	107	394441	20.132	ng/ul	96
34) 2-Methylnaphthalene	12.21	142	901480	19.882	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.57	216	538352	20.962	ng/ul	99
37) Hexachlorocyclopentadiene	12.55	237	148150	9.697	ng/ul	98
38) 2,4,6-Trichlorophenol	12.83	196	345758	21.664	ng/ul	97
39) 2,4,5-Trichlorophenol	12.90	196	368173	21.596	ng/ul	100
40) 1,1'-Biphenyl	13.23	154	1183338	19.940	ng/ul	98
41) 2-Chloronaphthalene	13.27	162	948886	20.238	ng/ul	99
42) 2-Nitroaniline	13.49	65	235126	20.635	ng/ul	98
44) Dimethylphthalate	13.86	163	1160124	19.606	ng/ul	99
45) 2,6-Dinitrotoluene	13.99	165	239031	21.165	ng/ul	92
47) Acenaphthylene	14.12	152	1382087	20.287	ng/ul	99
48) 3-Nitroaniline	14.32	138	214381	21.684	ng/ul	99
49) Acenaphthene	14.46	153	991656	19.855	ng/ul	99
50) 2,4-Dinitrophenol	14.53	184	77922	13.734	ng/ul	93
52) 4-Nitrophenol	14.64	109	131604	16.828	ng/ul	99
53) Dibenzofuran	14.80	168	1400174	19.689	ng/ul	96
54) 2,4-Dinitrotoluene	14.78	165	331670	20.237	ng/ul	97
55) 2,3,4,6-Tetrachlorophenol	15.03	232	310619	20.894	ng/ul	97
56) Diethylphthalate	15.23	149	1127763	19.754	ng/ul	99
58) Fluorene	15.45	166	1124359	19.460	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.44	204	622792	19.770	ng/ul	99
60) 4-Nitroaniline	15.49	138	190993	18.174	ng/ul	98
63) 4,6-Dinitro-2-methylphenol	15.54	198	153223	16.448	ng/ul	95
64) N-Nitrosodiphenylamine	15.66	169	974357	21.312	ng/ul	99
65) 4-Bromophenyl-phenylether	16.34	248	400342	21.626	ng/ul	98
66) Hexachlorobenzene	16.45	284	447666	21.100	ng/ul	99
67) Atrazine	16.62	200	360606	21.740	ng/ul	98
68) Pentachlorophenol	16.80	266	219972	20.677	ng/ul	98
69) Phenanthrene	17.19	178	1645075	19.704	ng/ul	99
71) Anthracene	17.29	178	1672956	19.663	ng/ul	100
72) 1,2,3,4-Tetrachlorobenzene	13.19	216	531488	22.380	ng/uL	99
73) Pentachlorobenzene	14.72	250	537122	21.980	ng/uL	99
74) Carbazole	17.56	167	1353018	19.296	ng/ul	100
75) Di-n-butylphthalate	18.12	149	1821839	21.641	ng/ul	100
76) Fluoranthene	19.21	202	1647105	18.258	ng/ul	99
79) Pyrene	19.57	202	1596475	21.236	ng/ul	99
80) Butylbenzylphthalate	20.47	149	647755	23.277	ng/ul	95
81) 3,3'-Dichlorobenzidine	21.26	252	362780	15.221	ng/ul	98
82) Benzo(a)anthracene	21.32	228	1436646	19.816	ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.24	149	933134	23.551	ng/ul#	99
84) Chrysene	21.37	228	1347852	19.851	ng/ul	100
86) Di-n-octyl phthalate	22.13	149	1478755	20.334	ng/ul	100
87) Benzo(b)fluoranthene	22.93	252	1573778	19.686	ng/ul	100
88) Benzo(k)fluoranthene	22.97	252	1411363	18.351	ng/ul	100
90) Benzo(a)pyrene	23.51	252	1469094	19.524	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	1876086	21.173	ng/ul	99
92) Dibenzo(a,h)anthracene	25.91	278	1579512	21.190	ng/ul	99
93) Benzo(g,h,i)perylene	26.61	276	1552746	21.277	ng/ul	99

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

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