Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061720\
Data File : BM026439.D
Acq On : 17 Jun 2020 23:08
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02010

Manual Integrations APPROVED
mohammad
6/19/2020 9:27:54 AM

Quant Time: Jun 17 23:52:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 17 16:26:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	98428	20.00	ng/ul	0.00
18) Naphthalene-d8	10.15	136	466744	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.05	164	322310	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.80	188	735520	20.00	ng/ul	0.00
78) Chrysene-d12	21.02	240	780092	20.00	ng/ul	-0.01
86) Perylene-d12	23.11	264	746357	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.97	96	19859	7.08	ng/uL	0.00
5) Phenol-d5	6.60	99	184787	20.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.75	67	119467	20.83	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	138722	18.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.12	113	160044	22.42	ng/ul	0.00
19) Nitrobenzene-d5	8.54	128	75187	18.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.25	143	86110	18.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.79	165	160005	19.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.30	131	208552	23.81	ng/ul	0.00
44) Dimethylphthalate-d6	13.47	166	517596	19.10	ng/ul	0.00
47) Acenaphthylene-d8	13.73	160	597778	18.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.29	143	87165	19.39	ng/ul	0.00
58) Fluorene-d10	15.05	176	437847	18.83	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	93861	19.50	ng/ul	0.00
71) Anthracene-d10	16.90	188	693023	18.51	ng/ul	0.00
79) Pyrene-d10	19.21	212	785971	18.37	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	773525	18.74	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.00	88	21287	6.841	ng/uL	98
4) Benzaldehyde	6.55	77	116381	22.341	ng/ul	95
6) Phenol	6.62	94	202309	20.374	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.84	93	154555	20.798	ng/ul	99
10) 2-Chlorophenol	6.96	128	150004	18.926	ng/ul	97
11) 2-Methylphenol	7.85	108	155288	21.517	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	7.93	45	282035	22.234	ng/ul	98
14) Acetophenone	8.21	105	265453	22.661	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.20	70	155354	22.196	ng/ul	100
16) 4-Methylphenol	8.18	108	175604	22.468	ng/ul	99
17) Hexachloroethane	8.45	117	63418	18.839	ng/ul	96
20) Nitrobenzene	8.58	77	206747	18.325	ng/ul	99
21) Isophorone	9.10	82	412233	19.749	ng/ul	100
23) 2-Nitrophenol	9.29	139	94909	18.687	ng/ul	98
24) 2,4-Dimethylphenol	9.36	107	206509	19.338	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.59	93	234128	19.353	ng/ul	100
27) 2,4-Dichlorophenol	9.82	162	163138	19.265	ng/ul	98
28) Naphthalene	10.20	128	518875	18.281	ng/ul	99
30) 4-Chloroaniline	10.32	127	216401	23.848	ng/ul	98
31) Hexachlorobutadiene	10.49	225	100181	17.907	ng/ul	94
32) Caprolactam	11.10	113	61348m	23.038	ng/ul	
33) 4-Chloro-3-methylphenol	11.47	107	204157	20.736	ng/ul	98
34) 2-Methylnaphthalene	11.83	142	385245	19.313	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)
35) 1-Methylnaphthalene	12.05	142	364983	19.682	ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.21	216	207105	17.586	ng/ul	99
38) Hexachlorocyclopentadiene	12.19	237	76751	13.043	ng/ul	97
39) 2,4,6-Trichlorophenol	12.47	196	142492	18.705	ng/ul	100
40) 2,4,5-Trichlorophenol	12.54	196	150973	18.367	ng/ul	98
41) 1,1'-Biphenyl	12.87	154	513797	17.963	ng/ul	100
42) 2-Chloronaphthalene	12.90	162	395085	17.951	ng/ul	99
43) 2-Nitroaniline	13.13	65	152940	19.283	ng/ul	97
45) Dimethylphthalate	13.52	163	533868	18.970	ng/ul	99
46) 2,6-Dinitrotoluene	13.64	165	113123	19.334	ng/ul	91
48) Acenaphthylene	13.76	152	640984	18.509	ng/ul	99
49) 3-Nitroaniline	13.97	138	110520	21.039	ng/ul	97
50) Acenaphthene	14.12	153	441675	18.484	ng/ul	99
51) 2,4-Dinitrophenol	14.19	184	58301	19.504	ng/ul	97
53) 4-Nitrophenol	14.31	109	77893	19.852	ng/ul	97
54) Dibenzofuran	14.46	168	628391	18.627	ng/ul	98
55) 2,4-Dinitrotoluene	14.44	165	168533	19.886	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.69	232	136339	19.421	ng/ul	98
57) Diethylphthalate	14.91	149	548633	19.278	ng/ul	99
59) Fluorene	15.11	166	530337	19.046	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.12	204	266110	18.897	ng/ul	99
61) 4-Nitroaniline	15.14	138	118483m	19.868	ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.22	198	95220	19.252	ng/ul	97
65) N-Nitrosodiphenylamine	15.33	169	457753	18.115	ng/ul	99
66) 4-Bromophenyl-phenylether	16.01	248	168330	18.243	ng/ul	96
67) Hexachlorobenzene	16.12	284	187455	18.158	ng/ul	97
68) Atrazine	16.30	200	178205	20.694	ng/ul	99
69) Pentachlorophenol	16.47	266	91251	18.491	ng/ul	95
70) Phenanthrene	16.85	178	845657	18.331	ng/ul	99
72) Anthracene	16.94	178	869892	18.397	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.83	216	211664	17.000	ng/uL	98
74) Pentachlorobenzene	14.38	250	214132	17.893	ng/uL	98
75) Carbazole	17.22	167	772744	19.667	ng/ul	100
76) Di-n-butylphthalate	17.80	149	979286	19.043	ng/ul	100
77) Fluoranthene	18.87	202	1003118	19.904	ng/ul	98
80) Pyrene	19.24	202	1049862	18.305	ng/ul	98
81) Butylbenzylphthalate	20.17	149	458370	18.773	ng/ul	99
82) 3,3'-Dichlorobenzidine	20.94	252	357692	19.848	ng/ul	99
83) Benzo(a)anthracene	21.00	228	1022416	18.398	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.97	149	690462	18.720	ng/ul	99
85) Chrysene	21.05	228	1004258	18.616	ng/ul	99
87) Di-n-octyl phthalate	21.81	149	1184570	22.110	ng/ul	100
88) Benzo(b)fluoranthene	22.49	252	1004835	19.632	ng/ul	100
89) Benzo(k)fluoranthene	22.53	252	974456	19.793	ng/ul	99
91) Benzo(a)pyrene	23.02	252	852481	18.906	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.14	276	913554	15.457	ng/ul	99
93) Dibenzo(a,h)anthracene	25.16	278	766706	15.547	ng/ul	99
94) Benzo(g,h,i)perylene	25.76	276	723056	14.645	ng/ul	99

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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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