Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090820\
Data File : BM027350.D
Acq On : 08 Sep 2020 09:03
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD2011

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Quant Time: Sep 08 10:21:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 08 10:18:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	97322	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	407916	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.21	164	350223	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	920972	20.00	ng/ul	0.00
78) Chrysene-d12	21.16	240	1116110	20.00	ng/ul	0.00
86) Perylene-d12	23.33	264	1084758	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	21574	9.86	ng/uL	0.00
5) Phenol-d5	6.75	99	154368	19.24	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.91	67	105900	19.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	122905	20.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.28	113	129146	19.74	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	64008	20.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	70219	20.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	156540	21.60	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	182109	21.26	ng/ul	0.00
44) Dimethylphthalate-d6	13.63	166	571713	20.52	ng/ul	0.00
47) Acenaphthylene-d8	13.90	160	664593	21.11	ng/ul	0.00
52) 4-Nitrophenol-d4	14.42	143	95351	19.43	ng/ul	0.00
58) Fluorene-d10	15.21	176	538218	21.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.33	200	107725	18.28	ng/ul	0.00
71) Anthracene-d10	17.06	188	911830	20.94	ng/ul	0.00
79) Pyrene-d10	19.36	212	1095497	22.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.19	264	1189226	20.44	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.17	88	22508	8.598	ng/uL#	84
4) Benzaldehyde	6.72	77	114279	19.763	ng/ul	96
6) Phenol	6.78	94	170542	20.004	ng/ul	98
8) Bis(2-Chloroethyl)ether	7.00	93	139254	20.337	ng/ul	95
10) 2-Chlorophenol	7.14	128	129495	21.137	ng/ul	98
11) 2-Methylphenol	8.02	108	125113	19.883	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.10	45	101040	19.568	ng/ul	98
14) Acetophenone	8.38	105	235278	21.427	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.37	70	141613	22.539	ng/ul	96
16) 4-Methylphenol	8.34	108	138638	20.184	ng/ul	98
17) Hexachloroethane	8.63	117	65506	21.490	ng/ul	96
20) Nitrobenzene	8.75	77	209912	20.930	ng/ul	99
21) Isophorone	9.28	82	360326	21.169	ng/ul	99
23) 2-Nitrophenol	9.46	139	80584	22.041	ng/ul	94
24) 2,4-Dimethylphenol	9.53	107	183780	21.952	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.76	93	202940	20.987	ng/ul	99
27) 2,4-Dichlorophenol	9.99	162	158969	22.029	ng/ul	96
28) Naphthalene	10.39	128	457869	21.125	ng/ul	100
30) 4-Chloroaniline	10.50	127	193754	22.440	ng/ul	97
31) Hexachlorobutadiene	10.69	225	127353	22.376	ng/ul	98
32) Caprolactam	11.27	113	45417m	19.850	ng/ul	
33) 4-Chloro-3-methylphenol	11.63	107	176108	22.913	ng/ul	98
34) 2-Methylnaphthalene	12.01	142	375332	22.905	ng/ul	97

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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	12.23	142	352757	21.632 ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.39	216	244346	20.755 ng/ul	99
38) Hexachlorocyclopentadiene	12.37	237	149021	19.345 ng/ul	98
39) 2,4,6-Trichlorophenol	12.63	196	152354	21.280 ng/ul	96
40) 2,4,5-Trichlorophenol	12.70	196	166297	21.506 ng/ul	98
41) 1,1'-Biphenyl	13.04	154	536814	20.380 ng/ul	99
42) 2-Chloronaphthalene	13.07	162	430556	20.086 ng/ul	99
43) 2-Nitroaniline	13.28	65	139667	22.190 ng/ul	99
45) Dimethylphthalate	13.67	163	597327	20.339 ng/ul	99
46) 2,6-Dinitrotoluene	13.79	165	118509	21.163 ng/ul	95
48) Acenaphthylene	13.93	152	666329	20.967 ng/ul	98
49) 3-Nitroaniline	14.12	138	104682	20.987 ng/ul	95
50) Acenaphthene	14.27	153	482876	21.158 ng/ul	97
51) 2,4-Dinitrophenol	14.33	184	65565	18.719 ng/ul	95
53) 4-Nitrophenol	14.43	109	111814	21.862 ng/ul	95
54) Dibenzofuran	14.61	168	733866	21.503 ng/ul	98
55) 2,4-Dinitrotoluene	14.58	165	189284	21.928 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.84	232	169024	22.056 ng/ul	99
57) Diethylphthalate	15.05	149	654504	21.372 ng/ul	99
59) Fluorene	15.26	166	638498	21.768 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.26	204	345332	21.513 ng/ul	97
61) 4-Nitroaniline	15.28	138	123415	21.316 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.35	198	115607	18.117 ng/ul	98
65) N-Nitrosodiphenylamine	15.47	169	562102	21.644 ng/ul	98
66) 4-Bromophenyl-phenylether	16.16	248	228874	21.468 ng/ul	98
67) Hexachlorobenzene	16.27	284	268377	20.794 ng/ul	97
68) Atrazine	16.44	200	224967	19.995 ng/ul	99
69) Pentachlorophenol	16.62	266	152946	19.310 ng/ul	98
70) Phenanthrene	17.00	178	1094099	20.744 ng/ul	99
72) Anthracene	17.09	178	1122102	20.883 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.00	216	249498	20.581 ng/uL	98
74) Pentachlorobenzene	14.54	250	276484	20.681 ng/uL	99
75) Carbazole	17.36	167	979648	21.539 ng/ul	99
76) Di-n-butylphthalate	17.94	149	1224868	21.685 ng/ul	99
77) Fluoranthene	19.02	202	1400851	21.555 ng/ul	99
80) Pyrene	19.39	202	1479511	21.913 ng/ul	99
81) Butylbenzylphthalate	20.31	149	570819	22.088 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.08	252	490480	20.010 ng/ul	99
83) Benzo(a)anthracene	21.14	228	1521660	21.041 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.10	149	885856	22.002 ng/ul	99
85) Chrysene	21.20	228	1472349	20.605 ng/ul	99
87) Di-n-octyl phthalate	21.96	149	1491804	22.146 ng/ul	100
88) Benzo(b)fluoranthene	22.69	252	1558037	21.755 ng/ul	99
89) Benzo(k)fluoranthene	22.73	252	1473642	20.524 ng/ul	100
91) Benzo(a)pyrene	23.24	252	1293204	19.354 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.49	276	1394410	15.896 ng/ul	100
93) Dibenzo(a,h)anthracene	25.50	278	1197016	16.134 ng/ul	99
94) Benzo(g,h,i)perylene	26.14	276	1102457	15.037 ng/ul	100

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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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