Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071620\
Data File : BM026782.D
Acq On : 16 Jul 2020 12:14
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02037

Quant Time: Jul 17 13:03:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM063020MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 16 13:06:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	71154	20.00	ng/ul	0.00
18) Naphthalene-d8	10.06	136	315775	20.00	ng/ul	0.00
36) Acenaphthene-d10	13.97	164	213750	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.73	188	453305	20.00	ng/ul	0.00
78) Chrysene-d12	20.95	240	461967	20.00	ng/ul	0.00
86) Perylene-d12	23.02	264	436567	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.90	96	17163	7.25	ng/uL	0.00
5) Phenol-d5	6.52	99	127346	19.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.67	67	91178	20.69	ng/ul	0.00
9) 2-Chlorophenol-d4	6.85	132	96004	19.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.04	113	105016	20.15	ng/ul	0.00
19) Nitrobenzene-d5	8.45	128	49226	19.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.17	143	53854	20.22	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.70	165	106005	20.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.22	131	132391	24.11	ng/ul	0.00
44) Dimethylphthalate-d6	13.40	166	328839	19.29	ng/ul	0.00
47) Acenaphthylene-d8	13.65	160	392562	19.05	ng/ul	0.00
52) 4-Nitrophenol-d4	14.22	143	46063	18.72	ng/ul	0.00
58) Fluorene-d10	14.97	176	280100	18.76	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.13	200	54524	19.25	ng/ul	0.00
71) Anthracene-d10	16.82	188	427522	19.15	ng/ul	0.00
79) Pyrene-d10	19.14	212	457294	19.05	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.89	264	461115	19.57	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.93	88	17167	6.696	ng/uL	89
4) Benzaldehyde	6.47	77	86938	25.122	ng/ul	98
6) Phenol	6.55	94	139350	19.451	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.75	93	110581	20.271	ng/ul	97
10) 2-Chlorophenol	6.88	128	104372	18.909	ng/ul	97
11) 2-Methylphenol	7.77	108	102959	20.114	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.85	45	230243	21.757	ng/ul	98
14) Acetophenone	8.13	105	184160	20.856	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.12	70	112834	21.630	ng/ul	95
16) 4-Methylphenol	8.10	108	114875	20.190	ng/ul	92
17) Hexachloroethane	8.35	117	46901	19.175	ng/ul	97
20) Nitrobenzene	8.50	77	153427	19.482	ng/ul	100
21) Isophorone	9.02	82	282009	21.302	ng/ul	99
23) 2-Nitrophenol	9.20	139	61211	19.868	ng/ul	98
24) 2,4-Dimethylphenol	9.28	107	140228	19.764	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.51	93	159174	20.222	ng/ul	95
27) 2,4-Dichlorophenol	9.73	162	106983	19.855	ng/ul	98
28) Naphthalene	10.11	128	350130	18.733	ng/ul	99
30) 4-Chloroaniline	10.24	127	140489	24.080	ng/ul	98
31) Hexachlorobutadiene	10.40	225	74983	19.202	ng/ul	97
32) Caprolactam	11.02	113	32154m	21.607	ng/ul	
33) 4-Chloro-3-methylphenol	11.39	107	130597	21.301	ng/ul	97
34) 2-Methylnaphthalene	11.74	142	257983	19.702	ng/ul	98

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	11.96	142	242764	19.891 ng/ul	96
37) 1,2,4,5-Tetrachlorobenzene	12.12	216	143517	18.472 ng/ul	99
38) Hexachlorocyclopentadiene	12.10	237	68484	17.273 ng/ul	99
39) 2,4,6-Trichlorophenol	12.38	196	91330	19.913 ng/ul	97
40) 2,4,5-Trichlorophenol	12.46	196	97359	19.411 ng/ul	93
41) 1,1'-Biphenyl	12.78	154	340008	18.377 ng/ul	98
42) 2-Chloronaphthalene	12.82	162	266465	18.297 ng/ul	99
43) 2-Nitroaniline	13.05	65	102823	21.001 ng/ul	93
45) Dimethylphthalate	13.45	163	345372	19.352 ng/ul	98
46) 2,6-Dinitrotoluene	13.57	165	69546	20.163 ng/ul	96
48) Acenaphthylene	13.68	152	410922	18.623 ng/ul	99
49) 3-Nitroaniline	13.90	138	62330	21.740 ng/ul	99
50) Acenaphthene	14.03	153	286457	18.368 ng/ul	99
51) 2,4-Dinitrophenol	14.13	184	31989	17.851 ng/ul	96
53) 4-Nitrophenol	14.24	109	51579	20.366 ng/ul	88
54) Dibenzofuran	14.37	168	411632	18.602 ng/ul	96
55) 2,4-Dinitrotoluene	14.37	165	103356	20.148 ng/ul	88
56) 2,3,4,6-Tetrachlorophenol	14.62	232	86699	20.080 ng/ul	94
57) Diethylphthalate	14.84	149	360194	20.081 ng/ul	98
59) Fluorene	15.03	166	343426	18.996 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.04	204	179540	19.107 ng/ul	99
61) 4-Nitroaniline	15.08	138	63792m	19.671 ng/ul	
64) 4,6-Dinitro-2-methylphenol	15.14	198	58162	19.389 ng/ul	99
65) N-Nitrosodiphenylamine	15.25	169	293717	19.378 ng/ul	99
66) 4-Bromophenyl-phenylether	15.93	248	107303	19.636 ng/ul	96
67) Hexachlorobenzene	16.04	284	118004	18.950 ng/ul	95
68) Atrazine	16.23	200	105498	21.364 ng/ul	97
69) Pentachlorophenol	16.39	266	63118	20.554 ng/ul	97
70) Phenanthrene	16.77	178	520859	18.452 ng/ul	99
72) Anthracene	16.86	178	537639	18.877 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.74	216	142925	18.288 ng/uL	98
74) Pentachlorobenzene	14.30	250	140266	18.738 ng/uL	99
75) Carbazole	17.15	167	449981	19.732 ng/ul	98
76) Di-n-butylphthalate	17.73	149	599671	21.734 ng/ul	99
77) Fluoranthene	18.80	202	588379	20.151 ng/ul	99
80) Pyrene	19.17	202	615119	18.789 ng/ul	100
81) Butylbenzylphthalate	20.11	149	256978	22.127 ng/ul	97
82) 3,3'-Dichlorobenzidine	20.88	252	193490	20.779 ng/ul	99
83) Benzo(a)anthracene	20.94	228	589846	18.548 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	20.90	149	409257	23.661 ng/ul	99
85) Chrysene	20.99	228	576741	18.281 ng/ul	99
87) Di-n-octyl phthalate	21.75	149	676011	25.130 ng/ul	100
88) Benzo(b)fluoranthene	22.41	252	589245	19.871 ng/ul	99
89) Benzo(k)fluoranthene	22.45	252	569885	19.390 ng/ul	99
91) Benzo(a)pyrene	22.93	252	510173	19.393 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.01	276	637429	18.566 ng/ul	99
93) Dibenzo(a,h)anthracene	25.02	278	542040	18.740 ng/ul	99
94) Benzo(g,h,i)perylene	25.61	276	516608	18.040 ng/ul	98

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

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