Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM060320\
Data File : BM026240.D
Acq On : 03 Jun 2020 11:09
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02092

Quant Time: Jun 03 12:04:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 03 12:03:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	116758	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	474301	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	273847	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	585776	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	638943	20.00	ng/ul	0.00
86) Perylene-d12	23.18	264	679426	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	28951	7.48	ng/uL	0.00
5) Phenol-d5	6.66	99	215170	20.31	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	145804	19.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	161224	19.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	160604	20.12	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	76713	19.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	82330	21.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	151479	19.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	196676	25.25	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	425717	19.39	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	515374	19.81	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	74998	19.29	ng/ul	0.00
58) Fluorene-d10	15.12	176	367877	19.26	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	66752	19.54	ng/ul	0.00
71) Anthracene-d10	16.96	188	554915	19.22	ng/ul	0.00
79) Pyrene-d10	19.26	212	632018	19.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.05	264	714497	19.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	31114	7.737	ng/uL	92
4) Benzaldehyde	6.62	77	142000	20.602	ng/ul	94
6) Phenol	6.69	94	233717	19.684	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.91	93	177795	19.462	ng/ul	99
10) 2-Chlorophenol	7.04	128	174822	19.347	ng/ul	95
11) 2-Methylphenol	7.92	108	164603	20.121	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	8.00	45	324249	19.554	ng/ul	99
14) Acetophenone	8.28	105	268191	20.027	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.27	70	150777	19.107	ng/ul	99
16) 4-Methylphenol	8.25	108	181325	20.381	ng/ul	98
17) Hexachloroethane	8.52	117	74323	19.172	ng/ul	98
20) Nitrobenzene	8.65	77	225064	18.952	ng/ul	97
21) Isophorone	9.18	82	377651	19.119	ng/ul	98
23) 2-Nitrophenol	9.36	139	93192	20.961	ng/ul	94
24) 2,4-Dimethylphenol	9.43	107	201844	19.003	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.66	93	229576	18.428	ng/ul	98
27) 2,4-Dichlorophenol	9.89	162	158397	19.886	ng/ul	98
28) Naphthalene	10.27	128	538539	18.571	ng/ul	100
30) 4-Chloroaniline	10.40	127	209044	25.691	ng/ul	100
31) Hexachlorobutadiene	10.57	225	104343	19.524	ng/ul	97
32) Caprolactam	11.17	113	45278	20.439	ng/ul	98
33) 4-Chloro-3-methylphenol	11.53	107	179603	19.470	ng/ul	98
34) 2-Methylnaphthalene	11.90	142	368868	18.911	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.12	142	347651	19.211	ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.28	216	192651	19.628	ng/ul	98
38) Hexachlorocyclopentadiene	12.26	237	106775	18.870	ng/ul	100
39) 2,4,6-Trichlorophenol	12.53	196	120063	21.026	ng/ul	98
40) 2,4,5-Trichlorophenol	12.60	196	127463	20.228	ng/ul	99
41) 1,1'-Biphenyl	12.93	154	464817	19.129	ng/ul	99
42) 2-Chloronaphthalene	12.97	162	359242	19.158	ng/ul	97
43) 2-Nitroaniline	13.19	65	127185	20.124	ng/ul	96
45) Dimethylphthalate	13.59	163	443215	19.223	ng/ul	99
46) 2,6-Dinitrotoluene	13.70	165	87230	20.619	ng/ul	98
48) Acenaphthylene	13.83	152	554292	19.406	ng/ul	99
49) 3-Nitroaniline	14.03	138	89474	23.761	ng/ul	94
50) Acenaphthene	14.17	153	383144	19.020	ng/ul	97
51) 2,4-Dinitrophenol	14.24	184	42099	18.103	ng/ul	94
53) 4-Nitrophenol	14.36	109	68261	19.725	ng/ul	96
54) Dibenzofuran	14.52	168	540543	19.094	ng/ul	100
55) 2,4-Dinitrotoluene	14.49	165	129753	20.695	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.75	232	108216	20.421	ng/ul	99
57) Diethylphthalate	14.96	149	441289	19.356	ng/ul	99
59) Fluorene	15.17	166	440829	19.250	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.17	204	220081	19.258	ng/ul	95
61) 4-Nitroaniline	15.20	138	99084	21.064	ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.26	198	68940	19.172	ng/ul	97
65) N-Nitrosodiphenylamine	15.39	169	376206	19.163	ng/ul	99
66) 4-Bromophenyl-phenylether	16.07	248	134971	19.786	ng/ul	99
67) Hexachlorobenzene	16.18	284	149787	19.529	ng/ul	97
68) Atrazine	16.36	200	134488	20.918	ng/ul	99
69) Pentachlorophenol	16.53	266	71494	16.925	ng/ul	98
70) Phenanthrene	16.90	178	695473	18.848	ng/ul	100
72) Anthracene	17.00	178	712883	19.257	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	190908	19.511	ng/uL	99
74) Pentachlorobenzene	14.44	250	179398	19.327	ng/uL	98
75) Carbazole	17.27	167	634654	20.723	ng/ul	99
76) Di-n-butylphthalate	17.86	149	728171	19.852	ng/ul	99
77) Fluoranthene	18.93	202	820045	21.187	ng/ul	99
80) Pyrene	19.29	202	849612	18.941	ng/ul	97
81) Butylbenzylphthalate	20.23	149	338583	21.325	ng/ul	93
82) 3,3'-Dichlorobenzidine	21.00	252	277081	23.681	ng/ul	99
83) Benzo(a)anthracene	21.06	228	854879	19.411	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	510387	20.738	ng/ul	100
85) Chrysene	21.10	228	829561	18.951	ng/ul	99
87) Di-n-octyl phthalate	21.87	149	871516	20.410	ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	884124	19.238	ng/ul	97
89) Benzo(k)fluoranthene	22.60	252	871458	18.985	ng/ul	99
91) Benzo(a)pyrene	23.09	252	778262	19.243	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.26	276	1016754	19.371	ng/ul	97
93) Dibenzo(a,h)anthracene	25.27	278	849268	19.107	ng/ul	99
94) Benzo(g,h,i)perylene	25.89	276	839003	19.150	ng/ul	97

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

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