Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073020\
Data File : BM026938.D
Acq On : 30 Jul 2020 08:43
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02016

Quant Time: Jul 30 09:41:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jul 30 09:40:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	66177	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	255740	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.29	164	164612	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	357629	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	380831	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	392356	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	11883	8.19	ng/uL	0.00
5) Phenol-d5	6.84	99	104746	18.07	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	72679	18.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	79472	18.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	78976	17.70	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	37482	18.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	35480	19.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	83498	19.18	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	96332	18.56	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	244359	18.93	ng/ul	0.00
47) Acenaphthylene-d8	13.99	160	305841	18.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	41740	19.12	ng/ul	0.00
58) Fluorene-d10	15.29	176	218503	19.46	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	27478	17.24	ng/ul	0.00
71) Anthracene-d10	17.14	188	336673	18.84	ng/ul	0.00
79) Pyrene-d10	19.44	212	361633	17.80	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	414557	18.72	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	14128	7.837	ng/uL	94
4) Benzaldehyde	6.81	77	86502	18.315	ng/ul	99
6) Phenol	6.87	94	110327	17.784	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.10	93	88925	18.114	ng/ul	98
10) 2-Chlorophenol	7.23	128	83404	18.516	ng/ul	99
11) 2-Methylphenol	8.10	108	78292	17.639	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.20	45	76224	17.533	ng/ul	98
14) Acetophenone	8.47	105	138006	18.646	ng/ul#	96
15) N-Nitroso-di-n-propylamine	8.47	70	82556	18.468	ng/ul	96
16) 4-Methylphenol	8.43	108	86724	18.335	ng/ul	93
17) Hexachloroethane	8.74	117	42631	19.858	ng/ul	91
20) Nitrobenzene	8.85	77	127625	19.804	ng/ul	99
21) Isophorone	9.37	82	205452	18.084	ng/ul#	97
23) 2-Nitrophenol	9.55	139	41142	19.778	ng/ul	92
24) 2,4-Dimethylphenol	9.62	107	104763	19.279	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.86	93	116732	18.442	ng/ul	98
27) 2,4-Dichlorophenol	10.08	162	82409	19.433	ng/ul	99
28) Naphthalene	10.49	128	270845	18.956	ng/ul	99
30) 4-Chloroaniline	10.59	127	96923	18.513	ng/ul	91
31) Hexachlorobutadiene	10.79	225	61651	20.587	ng/ul	98
32) Caprolactam	11.34	113	21862	16.509	ng/ul	90
33) 4-Chloro-3-methylphenol	11.72	107	90806	19.205	ng/ul	97
34) 2-Methylnaphthalene	12.11	142	195547	19.359	ng/ul	97

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35) 1-Methylnaphthalene	12.32	142	192098	19.464 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	107536	19.113 ng/ul	97
38) Hexachlorocyclopentadiene	12.47	237	61682	16.169 ng/ul	96
39) 2,4,6-Trichlorophenol	12.72	196	60947	18.904 ng/ul	96
40) 2,4,5-Trichlorophenol	12.79	196	69457	20.162 ng/ul	98
41) 1,1'-Biphenyl	13.13	154	259368	18.856 ng/ul	99
42) 2-Chloronaphthalene	13.17	162	212287	19.179 ng/ul	99
43) 2-Nitroaniline	13.36	65	67342	20.458 ng/ul	92
45) Dimethylphthalate	13.76	163	257846	19.034 ng/ul	99
46) 2,6-Dinitrotoluene	13.87	165	47618	19.938 ng/ul	92
48) Acenaphthylene	14.01	152	312901	18.749 ng/ul	99
49) 3-Nitroaniline	14.19	138	44772	19.179 ng/ul	94
50) Acenaphthene	14.36	153	218088	18.968 ng/ul	98
51) 2,4-Dinitrophenol	14.39	184	16973	17.748 ng/ul	92
53) 4-Nitrophenol	14.50	109	47636	21.779 ng/ul	86
54) Dibenzofuran	14.69	168	311477	19.543 ng/ul	98
55) 2,4-Dinitrotoluene	14.65	165	72956	21.261 ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	14.92	232	55834	20.659 ng/ul	98
57) Diethylphthalate	15.14	149	265515	19.547 ng/ul	97
59) Fluorene	15.35	166	264010	19.671 ng/ul	97
60) 4-Chlorophenyl-phenylether	15.35	204	131278	19.654 ng/ul	96
61) 4-Nitroaniline	15.35	138	56571	19.771 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.42	198	31130	17.184 ng/ul#	91
65) N-Nitrosodiphenylamine	15.56	169	216642	18.518 ng/ul	98
66) 4-Bromophenyl-phenylether	16.24	248	78015	18.595 ng/ul	94
67) Hexachlorobenzene	16.35	284	92786	19.502 ng/ul	98
68) Atrazine	16.51	200	76404	17.792 ng/ul	99
69) Pentachlorophenol	16.69	266	44855	18.947 ng/ul	98
70) Phenanthrene	17.08	178	415198	19.126 ng/ul	99
72) Anthracene	17.17	178	424548	19.027 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	102560	18.254 ng/uL	99
74) Pentachlorobenzene	14.62	250	103165	18.938 ng/uL	98
75) Carbazole	17.44	167	369651	18.741 ng/ul	99
76) Di-n-butylphthalate	18.02	149	431572	18.600 ng/ul	99
77) Fluoranthene	19.10	202	483357	18.858 ng/ul	97
80) Pyrene	19.47	202	509362	18.384 ng/ul	95
81) Butylbenzylphthalate	20.38	149	183060	17.768 ng/ul	97
82) 3,3'-Dichlorobenzidine	21.15	252	149672	16.623 ng/ul	97
83) Benzo(a)anthracene	21.22	228	499739	19.038 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.18	149	278413	18.025 ng/ul	98
85) Chrysene	21.26	228	484363	18.922 ng/ul	100
87) Di-n-octyl phthalate	22.05	149	472887	16.403 ng/ul	100
88) Benzo(b)fluoranthene	22.78	252	536563	19.117 ng/ul	99
89) Benzo(k)fluoranthene	22.82	252	493903	18.338 ng/ul	99
91) Benzo(a)pyrene	23.35	252	480431	18.969 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.65	276	601110	19.132 ng/ul	99
93) Dibenzo(a,h)anthracene	25.66	278	510186	19.199 ng/ul	98
94) Benzo(g,h,i)perylene	26.32	276	499672	19.233 ng/ul	98

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

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