Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM073120\
Data File : BM026972.D
Acq On : 31 Jul 2020 23:34
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02021

Quant Time: Aug 01 00:49:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 01 00:45:52 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	110919	20.00	ng/ul	0.00
18) Naphthalene-d8	10.44	136	437812	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.30	164	270003	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.04	188	554301	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	519087	20.00	ng/ul	0.00
86) Perylene-d12	23.43	264	503017	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	17193	7.07	ng/uL	0.00
5) Phenol-d5	6.84	99	188427	19.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	124678	18.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	144396	19.85	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	145642	19.48	ng/ul	0.00
19) Nitrobenzene-d5	8.80	128	69156	20.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	74093	23.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	148562	19.93	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	168372	18.95	ng/ul	0.00
44) Dimethylphthalate-d6	13.71	166	402806	19.02	ng/ul	0.00
47) Acenaphthylene-d8	13.98	160	504106	18.71	ng/ul	0.00
52) 4-Nitrophenol-d4	14.49	143	75004	20.95	ng/ul	0.00
58) Fluorene-d10	15.29	176	351948	19.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	48999	19.83	ng/ul	0.00
71) Anthracene-d10	17.14	188	526629	19.01	ng/ul	0.00
79) Pyrene-d10	19.43	212	528726	19.10	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.29	264	556890	19.62	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.25	88	21844	7.229	ng/uL#	91
4) Benzaldehyde	6.81	77	146883	18.554	ng/ul	99
6) Phenol	6.87	94	196488	18.896	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.09	93	154754	18.807	ng/ul	96
10) 2-Chlorophenol	7.23	128	148924	19.726	ng/ul	98
11) 2-Methylphenol	8.10	108	143322	19.265	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.20	45	139537	19.150	ng/ul	98
14) Acetophenone	8.47	105	235583	18.991	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.47	70	142152	18.972	ng/ul	99
16) 4-Methylphenol	8.43	108	153900	19.412	ng/ul	100
17) Hexachloroethane	8.74	117	61755	17.162	ng/ul	97
20) Nitrobenzene	8.84	77	214790	19.469	ng/ul	99
21) Isophorone	9.37	82	359094	18.463	ng/ul	98
23) 2-Nitrophenol	9.55	139	82638	23.205	ng/ul	94
24) 2,4-Dimethylphenol	9.62	107	176748	19.000	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.85	93	208737	19.263	ng/ul	99
27) 2,4-Dichlorophenol	10.08	162	145598	20.056	ng/ul	100
28) Naphthalene	10.48	128	463704	18.958	ng/ul	99
30) 4-Chloroaniline	10.59	127	172130	19.206	ng/ul	97
31) Hexachlorobutadiene	10.78	225	95049	18.540	ng/ul	97
32) Caprolactam	11.34	113	45546	20.090	ng/ul	93
33) 4-Chloro-3-methylphenol	11.72	107	160162	19.787	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	327966	18.966	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.32	142	320416	18.964 ng/ul	95
37) 1,2,4,5-Tetrachlorobenzene	12.48	216	173393	18.789 ng/ul	98
38) Hexachlorocyclopentadiene	12.47	237	65193	10.419 ng/ul	98
39) 2,4,6-Trichlorophenol	12.72	196	113060	21.379 ng/ul	98
40) 2,4,5-Trichlorophenol	12.79	196	123670	21.886 ng/ul	97
41) 1,1'-Biphenyl	13.12	154	425522	18.860 ng/ul	99
42) 2-Chloronaphthalene	13.16	162	346033	19.060 ng/ul	98
43) 2-Nitroaniline	13.36	65	120370	22.294 ng/ul	97
45) Dimethylphthalate	13.75	163	421709	18.979 ng/ul	98
46) 2,6-Dinitrotoluene	13.87	165	86605	22.108 ng/ul	95
48) Acenaphthylene	14.01	152	515891	18.846 ng/ul	99
49) 3-Nitroaniline	14.19	138	83944	21.923 ng/ul#	95
50) Acenaphthene	14.36	153	359480	19.061 ng/ul	100
51) 2,4-Dinitrophenol	14.39	184	37463	23.883 ng/ul	90
53) 4-Nitrophenol	14.50	109	76212	21.243 ng/ul	95
54) Dibenzofuran	14.69	168	490772	18.773 ng/ul	99
55) 2,4-Dinitrotoluene	14.65	165	123206	21.890 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.92	232	102954	23.224 ng/ul#	98
57) Diethylphthalate	15.13	149	424971	19.074 ng/ul	99
59) Fluorene	15.34	166	417292	18.956 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.34	204	205132	18.723 ng/ul	99
61) 4-Nitroaniline	15.35	138	98528	20.994 ng/ul	93
64) 4,6-Dinitro-2-methylphenol	15.42	198	55775	19.864 ng/ul#	99
65) N-Nitrosodiphenylamine	15.55	169	346399	19.103 ng/ul	97
66) 4-Bromophenyl-phenylether	16.24	248	124380	19.128 ng/ul	96
67) Hexachlorobenzene	16.35	284	139845	18.964 ng/ul	94
68) Atrazine	16.51	200	111299	16.722 ng/ul	96
69) Pentachlorophenol	16.69	266	81882	22.315 ng/ul	98
70) Phenanthrene	17.08	178	636117	18.906 ng/ul	99
72) Anthracene	17.17	178	654277	18.919 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.09	216	166872	19.162 ng/uL	98
74) Pentachlorobenzene	14.62	250	162243	19.216 ng/uL	99
75) Carbazole	17.44	167	578266	18.915 ng/ul	99
76) Di-n-butylphthalate	18.02	149	676644	18.815 ng/ul	100
77) Fluoranthene	19.09	202	708524	17.834 ng/ul	99
80) Pyrene	19.46	202	714209	18.911 ng/ul	97
81) Butylbenzylphthalate	20.38	149	308677	21.981 ng/ul	96
82) 3,3'-Dichlorobenzidine	21.14	252	238334	19.419 ng/ul	99
83) Benzo(a)anthracene	21.21	228	691376	19.324 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	407564	19.358 ng/ul#	99
85) Chrysene	21.26	228	657561	18.846 ng/ul	99
87) Di-n-octyl phthalate	22.03	149	727620	19.687 ng/ul	100
88) Benzo(b)fluoranthene	22.77	252	696855	19.366 ng/ul	99
89) Benzo(k)fluoranthene	22.81	252	661105	19.146 ng/ul	99
91) Benzo(a)pyrene	23.34	252	626825	19.305 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.64	276	765694	19.009 ng/ul	98
93) Dibenzo(a,h)anthracene	25.65	278	657924	19.312 ng/ul	99
94) Benzo(g,h,i)perylene	26.31	276	594281	17.842 ng/ul	99

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

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