Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM060120\
Data File : BM026200.D
Acq On : 01 Jun 2020 16:25
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02088

Quant Time: Jun 01 16:56:52 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 01 13:14:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	122876	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	486174	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.12	164	294284	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	637632	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	676609	20.00	ng/ul	0.00
86) Perylene-d12	23.19	264	701739	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.05	96	27961	6.86	ng/uL	0.00
5) Phenol-d5	6.67	99	215754	19.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	151650	19.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.01	132	164517	18.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.19	113	166649	19.84	ng/ul	0.00
19) Nitrobenzene-d5	8.62	128	78365	19.77	ng/ul	0.00
22) 2-Nitrophenol-d4	9.33	143	81750	20.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	156153	19.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.38	131	205898	25.79	ng/ul	0.00
44) Dimethylphthalate-d6	13.54	166	462480	19.60	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	551546	19.73	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	81561	19.52	ng/ul	0.00
58) Fluorene-d10	15.12	176	401645	19.57	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	72649	19.54	ng/ul	0.00
71) Anthracene-d10	16.97	188	612841	19.50	ng/ul	0.00
79) Pyrene-d10	19.27	212	690594	19.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	745379	19.96	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.09	88	30950	7.31	ng/uL	88
4) Benzaldehyde	6.63	77	144355	19.90	ng/ul	98
6) Phenol	6.69	94	241275	19.31	ng/ul	99
8) Bis(2-Chloroethyl)ether	6.92	93	188807	19.64	ng/ul	98
10) 2-Chlorophenol	7.05	128	179011	18.82	ng/ul	96
11) 2-Methylphenol	7.93	108	168090	19.52	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.01	45	341588	19.57	ng/ul	99
14) Acetophenone	8.29	105	280021	19.87	ng/ul	99
15) N-Nitroso-di-n-propylamine	8.28	70	158266	19.06	ng/ul	96
16) 4-Methylphenol	8.25	108	178778	19.09	ng/ul	97
17) Hexachloroethane	8.53	117	77590	19.02	ng/ul	98
20) Nitrobenzene	8.66	77	228275	18.75	ng/ul	97
21) Isophorone	9.19	82	396875	19.60	ng/ul	98
23) 2-Nitrophenol	9.36	139	92686	20.34	ng/ul	92
24) 2,4-Dimethylphenol	9.44	107	207286	19.04	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.67	93	239252	18.74	ng/ul	99
27) 2,4-Dichlorophenol	9.89	162	160115	19.61	ng/ul	99
28) Naphthalene	10.28	128	563567	18.96	ng/ul	99
30) 4-Chloroaniline	10.40	127	211323	25.34	ng/ul	99
31) Hexachlorobutadiene	10.58	225	106548	19.45	ng/ul	97
32) Caprolactam	11.17	113	49112	21.63	ng/ul	92
33) 4-Chloro-3-methylphenol	11.54	107	182573	19.31	ng/ul	96
34) 2-Methylnaphthalene	11.90	142	388241	19.42	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.13	142	358915	19.35 ng/ul	97
37) 1,2,4,5-Tetrachlorobenzene	12.29	216	202641	19.21 ng/ul	98
38) Hexachlorocyclopentadiene	12.27	237	114423	18.82 ng/ul	99
39) 2,4,6-Trichlorophenol	12.54	196	124029	20.21 ng/ul	100
40) 2,4,5-Trichlorophenol	12.61	196	135719	20.04 ng/ul	99
41) 1,1'-Biphenyl	12.95	154	485722	18.60 ng/ul	99
42) 2-Chloronaphthalene	12.97	162	380354	18.88 ng/ul	97
43) 2-Nitroaniline	13.19	65	132401	19.49 ng/ul	97
45) Dimethylphthalate	13.59	163	478490	19.31 ng/ul	100
46) 2,6-Dinitrotoluene	13.70	165	94818	20.86 ng/ul	97
48) Acenaphthylene	13.83	152	594924	19.38 ng/ul	100
49) 3-Nitroaniline	14.03	138	93254	23.05 ng/ul	94
50) Acenaphthene	14.18	153	413316	19.09 ng/ul	99
51) 2,4-Dinitrophenol	14.24	184	46297	18.53 ng/ul	97
53) 4-Nitrophenol	14.36	109	69261	18.62 ng/ul	94
54) Dibenzofuran	14.52	168	586622	19.28 ng/ul	100
55) 2,4-Dinitrotoluene	14.50	165	139184	20.66 ng/ul	97
56) 2,3,4,6-Tetrachlorophenol	14.76	232	117689	20.67 ng/ul	99
57) Diethylphthalate	14.97	149	482269	19.68 ng/ul	99
59) Fluorene	15.17	166	481274	19.56 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.18	204	241893	19.70 ng/ul	96
61) 4-Nitroaniline	15.20	138	103959	20.57 ng/ul	94
64) 4,6-Dinitro-2-methylphenol	15.27	198	76400	19.52 ng/ul#	89
65) N-Nitrosodiphenylamine	15.39	169	412200	19.29 ng/ul	99
66) 4-Bromophenyl-phenylether	16.07	248	145311	19.57 ng/ul	96
67) Hexachlorobenzene	16.19	284	164234	19.67 ng/ul	96
68) Atrazine	16.36	200	143162	20.46 ng/ul	100
69) Pentachlorophenol	16.53	266	82103	17.86 ng/ul	99
70) Phenanthrene	16.91	178	764318	19.03 ng/ul	99
72) Anthracene	17.00	178	780002	19.36 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.90	216	198730	18.66 ng/uL	97
74) Pentachlorobenzene	14.44	250	194684	19.27 ng/uL	96
75) Carbazole	17.27	167	698051	20.94 ng/ul	99
76) Di-n-butylphthalate	17.86	149	793285	19.87 ng/ul	99
77) Fluoranthene	18.93	202	890441	21.13 ng/ul	99
80) Pyrene	19.30	202	929592	19.57 ng/ul	99
81) Butylbenzylphthalate	20.23	149	356102	21.18 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.00	252	310835	25.09 ng/ul	98
83) Benzo(a)anthracene	21.06	228	904066	19.39 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.02	149	532828	20.44 ng/ul	100
85) Chrysene	21.11	228	892899	19.26 ng/ul	100
87) Di-n-octyl phthalate	21.87	149	893118	20.25 ng/ul	100
88) Benzo(b)fluoranthene	22.56	252	900445	18.97 ng/ul	99
89) Benzo(k)fluoranthene	22.60	252	879079	18.54 ng/ul	99
91) Benzo(a)pyrene	23.09	252	823374	19.71 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.26	276	1040904	19.20 ng/ul	98
93) Dibenzo(a,h)anthracene	25.27	278	877527	19.11 ng/ul	99
94) Benzo(g,h,i)perylene	25.89	276	847605	18.73 ng/ul	97

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

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