Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080720\
Data File : BM027021.D
Acq On : 07 Aug 2020 13:13
Operator : JU/CG
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02009

Quant Time: Aug 07 14:33:49 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Aug 07 03:56:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	85020	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	320906	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	218394	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	486057	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	515821	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	522634	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	14581	7.79	ng/uL	0.00
5) Phenol-d5	6.82	99	127308	19.26	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	90247	19.93	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	104207	19.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	101192	19.63	ng/ul	0.00
19) Nitrobenzene-d5	8.79	128	47618	18.72	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	50378	19.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	113830	20.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	123593	19.19	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	332599	19.10	ng/ul	0.00
47) Acenaphthylene-d8	13.97	160	414378	19.97	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	53999	18.37	ng/ul	0.00
58) Fluorene-d10	15.27	176	302031	19.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	48031	18.09	ng/ul	0.00
71) Anthracene-d10	17.12	188	470826	19.66	ng/ul	0.00
79) Pyrene-d10	19.42	212	519807	20.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	571387	19.59	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	17579	7.391	ng/uL	88
4) Benzaldehyde	6.79	77	107586	16.741	ng/ul	97
6) Phenol	6.85	94	137889	19.782	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.07	93	112329	19.524	ng/ul	97
10) 2-Chlorophenol	7.21	128	105891	19.432	ng/ul	98
11) 2-Methylphenol	8.08	108	98472	19.449	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.17	45	86051	19.633	ng/ul	98
14) Acetophenone	8.46	105	174882	20.189	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.45	70	102100	20.318	ng/ul	98
16) 4-Methylphenol	8.41	108	106153	19.509	ng/ul	99
17) Hexachloroethane	8.72	117	53315	19.559	ng/ul	98
20) Nitrobenzene	8.83	77	159688	19.230	ng/ul	96
21) Isophorone	9.36	82	255372	19.381	ng/ul	99
23) 2-Nitrophenol	9.53	139	58276	19.930	ng/ul	100
24) 2,4-Dimethylphenol	9.60	107	130622	19.585	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.84	93	150266	20.129	ng/ul	100
27) 2,4-Dichlorophenol	10.07	162	111564	20.029	ng/ul	96
28) Naphthalene	10.46	128	344288	19.302	ng/ul	99
30) 4-Chloroaniline	10.57	127	125624	19.366	ng/ul	99
31) Hexachlorobutadiene	10.76	225	90225	19.213	ng/ul	97
32) Caprolactam	11.33	113	26760	17.282	ng/ul	87
33) 4-Chloro-3-methylphenol	11.70	107	111240	18.899	ng/ul	96
34) 2-Methylnaphthalene	12.08	142	258165	19.735	ng/ul	95

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35) 1-Methylnaphthalene	12.30	142	249174	19.349 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	157673	19.510 ng/ul	98
38) Hexachlorocyclopentadiene	12.45	237	102156	19.171 ng/ul#	93
39) 2,4,6-Trichlorophenol	12.70	196	90621	19.078 ng/ul	92
40) 2,4,5-Trichlorophenol	12.77	196	97928	19.371 ng/ul	98
41) 1,1'-Biphenyl	13.11	154	346312	19.404 ng/ul	100
42) 2-Chloronaphthalene	13.14	162	282137	19.498 ng/ul	98
43) 2-Nitroaniline	13.34	65	83278	19.868 ng/ul	95
45) Dimethylphthalate	13.74	163	352085	19.292 ng/ul	100
46) 2,6-Dinitrotoluene	13.85	165	67029	19.289 ng/ul	100
48) Acenaphthylene	14.00	152	413432	19.596 ng/ul	99
49) 3-Nitroaniline	14.17	138	56628	18.337 ng/ul	96
50) Acenaphthene	14.34	153	293627	19.637 ng/ul	97
51) 2,4-Dinitrophenol	14.38	184	30815	17.063 ng/ul	96
53) 4-Nitrophenol	14.49	109	59918	19.141 ng/ul	97
54) Dibenzofuran	14.67	168	425136	19.868 ng/ul	99
55) 2,4-Dinitrotoluene	14.64	165	98841	19.586 ng/ul#	100
56) 2,3,4,6-Tetrachlorophenol	14.90	232	88260	19.371 ng/ul	99
57) Diethylphthalate	15.12	149	364198	19.894 ng/ul	99
59) Fluorene	15.33	166	357821	19.982 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	192774	19.753 ng/ul	99
61) 4-Nitroaniline	15.34	138	69376	19.668 ng/ul	98
64) 4,6-Dinitro-2-methylphenol	15.40	198	54381	18.510 ng/ul	99
65) N-Nitrosodiphenylamine	15.54	169	296762	20.379 ng/ul	98
66) 4-Bromophenyl-phenylether	16.22	248	120078	19.751 ng/ul	96
67) Hexachlorobenzene	16.33	284	138246	19.390 ng/ul	98
68) Atrazine	16.50	200	111192	18.832 ng/ul	99
69) Pentachlorophenol	16.67	266	72288	18.296 ng/ul	98
70) Phenanthrene	17.06	178	572506	19.647 ng/ul	100
72) Anthracene	17.15	178	583108	19.666 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	148349	19.514 ng/uL	97
74) Pentachlorobenzene	14.60	250	154045	19.427 ng/uL	98
75) Carbazole	17.42	167	489029	19.540 ng/ul	99
76) Di-n-butylphthalate	18.00	149	606494	19.777 ng/ul	100
77) Fluoranthene	19.09	202	677852	19.184 ng/ul	98
80) Pyrene	19.44	202	707622	20.211 ng/ul	99
81) Butylbenzylphthalate	20.37	149	252807	19.644 ng/ul	95
82) 3,3'-Dichlorobenzidine	21.14	252	209815	18.026 ng/ul	98
83) Benzo(a)anthracene	21.20	228	690368	19.881 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	390003	20.060 ng/ul	99
85) Chrysene	21.26	228	674918	19.801 ng/ul	99
87) Di-n-octyl phthalate	22.03	149	642560	18.376 ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	706644	19.471 ng/ul	100
89) Benzo(k)fluoranthene	22.81	252	707551	19.672 ng/ul	99
91) Benzo(a)pyrene	23.33	252	654091	19.804 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.62	276	814162	19.131 ng/ul	99
93) Dibenzo(a,h)anthracene	25.63	278	689345	19.123 ng/ul	100
94) Benzo(g,h,i)perylene	26.29	276	674077	19.176 ng/ul	99

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

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