Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027096.D
Acq On : 14 Aug 2020 19:43
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02023

Quant Time: Aug 17 01:23:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	93472	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	328201	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	222746	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	511631	20.00	ng/ul	0.00
78) Chrysene-d12	21.21	240	598580	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	614069	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	18204	8.85	ng/uL	0.00
5) Phenol-d5	6.82	99	137959	18.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	94660	19.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.17	132	114091	19.90	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	107202	18.92	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	51242	19.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	56663	21.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	126079	22.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.54	131	135528	20.58	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	351956	19.81	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	426652	20.16	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	58313	19.45	ng/ul	0.00
58) Fluorene-d10	15.27	176	320547	20.70	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	47963	17.16	ng/ul	0.00
71) Anthracene-d10	17.12	188	507621	20.14	ng/ul	0.00
79) Pyrene-d10	19.41	212	587649	19.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	692259	20.20	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	20611	7.882	ng/uL	92
4) Benzaldehyde	6.79	77	106515	15.076	ng/ul	99
6) Phenol	6.85	94	151812	19.810	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.07	93	118914	18.800	ng/ul	97
10) 2-Chlorophenol	7.21	128	119728	19.984	ng/ul	98
11) 2-Methylphenol	8.08	108	108832	19.551	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.17	45	84172	17.468	ng/ul#	93
14) Acetophenone	8.45	105	185994	19.531	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.44	70	107337	19.428	ng/ul	96
16) 4-Methylphenol	8.40	108	115514	19.310	ng/ul	95
17) Hexachloroethane	8.71	117	54885	18.315	ng/ul	92
20) Nitrobenzene	8.82	77	167792	19.757	ng/ul	98
21) Isophorone	9.35	82	262014	19.443	ng/ul	99
23) 2-Nitrophenol	9.53	139	63489	21.231	ng/ul	96
24) 2,4-Dimethylphenol	9.60	107	142082	20.830	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.83	93	152143	19.928	ng/ul	98
27) 2,4-Dichlorophenol	10.06	162	127055	22.303	ng/ul	99
28) Naphthalene	10.46	128	362529	19.873	ng/ul	100
30) 4-Chloroaniline	10.57	127	142595	21.493	ng/ul	99
31) Hexachlorobutadiene	10.76	225	106012	22.073	ng/ul	99
32) Caprolactam	11.33	113	30227	19.088	ng/ul	92
33) 4-Chloro-3-methylphenol	11.70	107	124117	20.618	ng/ul	99
34) 2-Methylnaphthalene	12.08	142	272270	20.351	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	254725	19.340 ng/ul#	97
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	182750	22.171 ng/ul	96
38) Hexachlorocyclopentadiene	12.45	237	77723	14.301 ng/ul	99
39) 2,4,6-Trichlorophenol	12.70	196	108595	22.415 ng/ul	93
40) 2,4,5-Trichlorophenol	12.77	196	115662	22.432 ng/ul	91
41) 1,1'-Biphenyl	13.10	154	364367	20.017 ng/ul	99
42) 2-Chloronaphthalene	13.14	162	302330	20.485 ng/ul	97
43) 2-Nitroaniline	13.34	65	87943	20.571 ng/ul	97
45) Dimethylphthalate	13.73	163	369895	19.871 ng/ul	99
46) 2,6-Dinitrotoluene	13.84	165	72937	20.579 ng/ul	99
48) Acenaphthylene	13.99	152	430436	20.003 ng/ul	99
49) 3-Nitroaniline	14.17	138	67797	21.524 ng/ul	96
50) Acenaphthene	14.33	153	302837	19.857 ng/ul	99
51) 2,4-Dinitrophenol	14.38	184	31197	16.937 ng/ul	92
53) 4-Nitrophenol	14.49	109	67705	21.206 ng/ul	98
54) Dibenzofuran	14.67	168	450400	20.637 ng/ul	99
55) 2,4-Dinitrotoluene	14.63	165	108664	21.112 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.90	232	106995	23.024 ng/ul	93
57) Diethylphthalate	15.11	149	376478	20.163 ng/ul	99
59) Fluorene	15.32	166	374201	20.488 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	206645	20.761 ng/ul	96
61) 4-Nitroaniline	15.33	138	74177	20.618 ng/ul	95
64) 4,6-Dinitro-2-methylphenol	15.40	198	51250	16.572 ng/ul	99
65) N-Nitrosodiphenylamine	15.53	169	319722	20.858 ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	132739	20.743 ng/ul	96
67) Hexachlorobenzene	16.33	284	156036	20.791 ng/ul	96
68) Atrazine	16.49	200	120352	19.364 ng/ul	99
69) Pentachlorophenol	16.67	266	86426	20.781 ng/ul	97
70) Phenanthrene	17.06	178	609931	19.885 ng/ul	99
72) Anthracene	17.14	178	625453	20.040 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	179167	22.390 ng/uL	100
74) Pentachlorobenzene	14.60	250	176525	21.149 ng/uL	99
75) Carbazole	17.42	167	528433	20.059 ng/ul	99
76) Di-n-butylphthalate	18.00	149	616210	19.089 ng/ul	100
77) Fluoranthene	19.08	202	748559	20.126 ng/ul	96
80) Pyrene	19.44	202	788992	19.419 ng/ul	96
81) Butylbenzylphthalate	20.36	149	276260	18.499 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.13	252	259383	19.203 ng/ul	100
83) Benzo(a)anthracene	21.20	228	816490	20.262 ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.15	149	385539	17.089 ng/ul	99
85) Chrysene	21.24	228	795314	20.107 ng/ul	99
87) Di-n-octyl phthalate	22.02	149	695267	16.923 ng/ul	100
88) Benzo(b)fluoranthene	22.75	252	861205	20.197 ng/ul	99
89) Benzo(k)fluoranthene	22.80	252	838182	19.834 ng/ul	99
91) Benzo(a)pyrene	23.31	252	752752	19.398 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.61	276	964756	19.294 ng/ul	97
93) Dibenzo(a,h)anthracene	25.61	278	819975	19.360 ng/ul	99
94) Benzo(g,h,i)perylene	26.27	276	776484	18.801 ng/ul	99

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

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