Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
Data File : BM027072.D
Acq On : 13 Aug 2020 21:53
Operator : JU/CG
Sample : SSTDCCC020
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02019

Quant Time: Aug 14 00:33:58 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	134333	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	502396	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	316877	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	670830	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	648979	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	665391	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.20	96	24320	8.23	ng/uL	0.00
5) Phenol-d5	6.82	99	222888	21.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	141926	19.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	172230	20.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	173017	21.25	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	80014	20.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	86593	20.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	186695	21.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	213718	21.20	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	489709	19.38	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	618291	20.53	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	85807	20.12	ng/ul	0.00
58) Fluorene-d10	15.27	176	436025	19.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	61033	16.66	ng/ul	0.00
71) Anthracene-d10	17.12	188	656205	19.86	ng/ul	0.00
79) Pyrene-d10	19.42	212	704387	21.76	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	753825	20.30	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.23	88	27945	7.436	ng/uL	96
4) Benzaldehyde	6.79	77	158065	15.567	ng/ul	98
6) Phenol	6.85	94	237773	21.589	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.07	93	185913	20.452	ng/ul	96
10) 2-Chlorophenol	7.21	128	187611	21.789	ng/ul	98
11) 2-Methylphenol	8.08	108	172435	21.555	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.17	45	150491	21.731	ng/ul	97
14) Acetophenone	8.45	105	287447	21.003	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.45	70	167069	21.042	ng/ul	96
16) 4-Methylphenol	8.41	108	181682	21.133	ng/ul	97
17) Hexachloroethane	8.72	117	80192	18.620	ng/ul	95
20) Nitrobenzene	8.82	77	245426	18.878	ng/ul	99
21) Isophorone	9.36	82	420012	20.361	ng/ul	98
23) 2-Nitrophenol	9.53	139	97810	21.367	ng/ul	90
24) 2,4-Dimethylphenol	9.60	107	216518	20.737	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.83	93	243279	20.816	ng/ul	98
27) 2,4-Dichlorophenol	10.06	162	186589	21.397	ng/ul	99
28) Naphthalene	10.46	128	555109	19.879	ng/ul	99
30) 4-Chloroaniline	10.57	127	222688	21.927	ng/ul	96
31) Hexachlorobutadiene	10.76	225	134412	18.282	ng/ul	97
32) Caprolactam	11.33	113	51305	21.165	ng/ul	98
33) 4-Chloro-3-methylphenol	11.70	107	190150	20.635	ng/ul	97
34) 2-Methylnaphthalene	12.08	142	405785	19.814	ng/ul	99

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35) 1-Methylnaphthalene	12.30	142	379163	18.807	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	239114	20.392	ng/ul	97
38) Hexachlorocyclopentadiene	12.45	237	103076	13.332	ng/ul	97
39) 2,4,6-Trichlorophenol	12.70	196	152143	22.075	ng/ul	95
40) 2,4,5-Trichlorophenol	12.77	196	161337	21.995	ng/ul	98
41) 1,1'-Biphenyl	13.10	154	529637	20.453	ng/ul	97
42) 2-Chloronaphthalene	13.15	162	426206	20.300	ng/ul	98
43) 2-Nitroaniline	13.35	65	129399	21.277	ng/ul	98
45) Dimethylphthalate	13.74	163	522103	19.716	ng/ul	99
46) 2,6-Dinitrotoluene	13.85	165	106970	21.216	ng/ul	88
48) Acenaphthylene	13.99	152	624170	20.390	ng/ul	98
49) 3-Nitroaniline	14.17	138	103197	23.031	ng/ul	98
50) Acenaphthene	14.34	153	432752	19.946	ng/ul	98
51) 2,4-Dinitrophenol	14.38	184	42118	16.074	ng/ul	93
53) 4-Nitrophenol	14.49	109	81419	17.926	ng/ul	93
54) Dibenzofuran	14.67	168	620656	19.990	ng/ul	99
55) 2,4-Dinitrotoluene	14.64	165	151180	20.647	ng/ul	91
56) 2,3,4,6-Tetrachlorophenol	14.90	232	139864	21.157	ng/ul#	96
57) Diethylphthalate	15.12	149	513983	19.350	ng/ul	100
59) Fluorene	15.33	166	513701	19.771	ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	271239	19.156	ng/ul	97
61) 4-Nitroaniline	15.34	138	111691	21.823	ng/ul	89
64) 4,6-Dinitro-2-methylphenol	15.40	198	66714	16.453	ng/ul	100
65) N-Nitrosodiphenylamine	15.54	169	435940	21.691	ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	167704	19.987	ng/ul	95
67) Hexachlorobenzene	16.34	284	196785	19.998	ng/ul	95
68) Atrazine	16.50	200	158892	19.498	ng/ul	99
69) Pentachlorophenol	16.67	266	111223	20.396	ng/ul	94
70) Phenanthrene	17.06	178	794310	19.751	ng/ul	99
72) Anthracene	17.15	178	806934	19.719	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	239996	22.874	ng/uL	98
74) Pentachlorobenzene	14.60	250	223310	20.405	ng/uL	98
75) Carbazole	17.42	167	704301	20.390	ng/ul	99
76) Di-n-butylphthalate	18.00	149	842437	19.904	ng/ul	99
77) Fluoranthene	19.08	202	909947	18.659	ng/ul	99
80) Pyrene	19.44	202	937609	21.285	ng/ul	99
81) Butylbenzylphthalate	20.36	149	372420	23.001	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.13	252	310731	21.218	ng/ul	99
83) Benzo(a)anthracene	21.20	228	905018	20.715	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.15	149	527551	21.568	ng/ul	99
85) Chrysene	21.25	228	855879	19.958	ng/ul	100
87) Di-n-octyl phthalate	22.02	149	902879	20.281	ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	962679	20.835	ng/ul	100
89) Benzo(k)fluoranthene	22.80	252	860226	18.785	ng/ul	99
91) Benzo(a)pyrene	23.32	252	815013	19.382	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.61	276	1073824	19.819	ng/ul	98
93) Dibenzo(a,h)anthracene	25.62	278	908308	19.791	ng/ul	100
94) Benzo(g,h,i)perylene	26.28	276	887005	19.820	ng/ul	98

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

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