Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024213.D
Acq On : 23 Dec 2019 11:25
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02015

Manual Integrations APPROVED
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12/24/2019 2:57:19 PM

Quant Time: Dec 24 01:33:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 21 00:34:28 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	242722	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	1031031	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	645009	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.85	188	1333453	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1366451	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1565160	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	45001	8.19	ng/uL	0.00
5) Phenol-d5	6.63	99	375739	16.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	264231	19.17	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	295280	18.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	304159	16.19	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	138423	18.68	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	149299	18.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	291040	18.38	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	350584	18.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	915408	19.19	ng/ul	0.00
47) Acenaphthylene-d8	13.78	160	1091655	19.10	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	125058	14.60	ng/ul	0.00
58) Fluorene-d10	15.10	176	786957	18.82	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	136733	16.81	ng/ul	0.00
71) Anthracene-d10	16.95	188	1182146	19.48	ng/ul	0.00
79) Pyrene-d10	19.26	212	1255492	19.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1507063	19.38	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.02	88	49387	8.115	ng/uL	93
4) Benzaldehyde	6.59	77	284834	19.171	ng/ul	98
6) Phenol	6.66	94	395038	16.646	ng/ul	97
8) Bis(2-Chloroethyl)ether	6.88	93	342026	18.600	ng/ul	96
10) 2-Chlorophenol	7.00	128	305904	18.197	ng/ul	99
11) 2-Methylphenol	7.89	108	288638	16.358	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	7.97	45	422976	19.972	ng/ul	99
14) Acetophenone	8.26	105	481293	16.988	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.25	70	283602	18.120	ng/ul	97
16) 4-Methylphenol	8.22	108	319316	16.300	ng/ul	98
17) Hexachloroethane	8.49	117	142364	20.517	ng/ul	97
20) Nitrobenzene	8.63	77	406888	19.758	ng/ul	97
21) Isophorone	9.15	82	731777	19.011	ng/ul	98
23) 2-Nitrophenol	9.33	139	169841	18.939	ng/ul	89
24) 2,4-Dimethylphenol	9.41	107	362644	18.746	ng/ul	100
25) Bis(2-Chloroethoxy)methane	9.64	93	470468	19.675	ng/ul	98
27) 2,4-Dichlorophenol	9.86	162	286815	18.505	ng/ul	100
28) Naphthalene	10.25	128	1039131	19.233	ng/ul	99
30) 4-Chloroaniline	10.37	127	352468	18.157	ng/ul	99
31) Hexachlorobutadiene	10.53	225	197694	20.633	ng/ul	99
32) Caprolactam	11.19	113	82438m	14.076	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	330198	17.754	ng/ul	97
34) 2-Methylnaphthalene	11.87	142	720902	18.667	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.10	142	723436	18.353	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.26	216	353829	20.293	ng/ul	98
38) Hexachlorocyclopentadiene	12.23	237	124295	15.821	ng/ul	98
39) 2,4,6-Trichlorophenol	12.52	196	223177	19.354	ng/ul	97
40) 2,4,5-Trichlorophenol	12.59	196	230407	18.535	ng/ul	99
41) 1,1'-Biphenyl	12.92	154	942425	19.574	ng/ul	99
42) 2-Chloronaphthalene	12.96	162	741000	19.589	ng/ul	99
43) 2-Nitroaniline	13.18	65	206929	18.658	ng/ul	94
45) Dimethylphthalate	13.57	163	950326	19.171	ng/ul	100
46) 2,6-Dinitrotoluene	13.69	165	176431	18.068	ng/ul	93
48) Acenaphthylene	13.81	152	1169660	19.277	ng/ul	99
49) 3-Nitroaniline	14.03	138	150244	16.212	ng/ul	97
50) Acenaphthene	14.16	153	801188	19.204	ng/ul	99
51) 2,4-Dinitrophenol	14.26	184	67261	12.258	ng/ul	98
53) 4-Nitrophenol	14.36	109	107056	15.677	ng/ul	95
54) Dibenzofuran	14.50	168	1098610	18.942	ng/ul	96
55) 2,4-Dinitrotoluene	14.50	165	263115	17.843	ng/ul#	79
56) 2,3,4,6-Tetrachlorophenol	14.74	232	206775	18.399	ng/ul	98
57) Diethylphthalate	14.95	149	988986	19.623	ng/ul	99
59) Fluorene	15.16	166	925492	18.895	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.16	204	461999	19.397	ng/ul	96
61) 4-Nitroaniline	15.20	138	154837	15.132	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.26	198	147328	16.957	ng/ul	93
65) N-Nitrosodiphenylamine	15.37	169	773031	19.938	ng/ul	99
66) 4-Bromophenyl-phenylether	16.05	248	285948	20.174	ng/ul	97
67) Hexachlorobenzene	16.16	284	344853	19.870	ng/ul	99
68) Atrazine	16.35	200	275006	19.082	ng/ul	98
69) Pentachlorophenol	16.52	266	149291	16.415	ng/ul	96
70) Phenanthrene	16.90	178	1448778	19.407	ng/ul	99
72) Anthracene	16.99	178	1463790	19.504	ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	12.88	216	353128	21.101	ng/uL	97
74) Pentachlorobenzene	14.42	250	378839	20.554	ng/uL	97
75) Carbazole	17.27	167	1218537	18.900	ng/ul	100
76) Di-n-butylphthalate	17.84	149	1676272	21.679	ng/ul	99
77) Fluoranthene	18.93	202	1636772	20.116	ng/ul	99
80) Pyrene	19.29	202	1742518	19.533	ng/ul	99
81) Butylbenzylphthalate	20.22	149	742927	21.139	ng/ul	98
82) 3,3'-Dichlorobenzidine	21.00	252	567725	18.716	ng/ul	99
83) Benzo(a)anthracene	21.06	228	1697795	19.501	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.01	149	1230294	23.491	ng/ul	99
85) Chrysene	21.11	228	1663889	19.498	ng/ul	99
87) Di-n-octyl phthalate	21.86	149	2055993	24.312	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	1850764	19.762	ng/ul	99
89) Benzo(k)fluoranthene	22.61	252	1811860	19.718	ng/ul	99
91) Benzo(a)pyrene	23.11	252	1659423	19.587	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.30	276	2112938	20.770	ng/ul	99
93) Dibenzo(a,h)anthracene	25.31	278	1775299	20.815	ng/ul	98
94) Benzo(g,h,i)perylene	25.94	276	1757492	21.159	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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