Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
Data File : BM024219.D
Acq On : 23 Dec 2019 17:11
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02016

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12/24/2019 2:57:24 PM

Quant Time: Dec 23 17:46:20 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	230061	20.00	ng/ul	0.00
18) Naphthalene-d8	10.20	136	1011452	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	660666	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	1403216	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1359269	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1543428	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.99	96	43939	8.44	ng/uL	0.00
5) Phenol-d5	6.63	99	367436	16.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	260840	19.97	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	288804	18.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	298652	16.77	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	135361	18.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.30	143	148231	18.55	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	292716	18.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	357872	18.97	ng/ul	0.00
44) Dimethylphthalate-d6	13.52	166	941836	19.28	ng/ul	0.00
47) Acenaphthylene-d8	13.78	160	1122664	19.18	ng/ul	0.00
52) 4-Nitrophenol-d4	14.34	143	131781	15.02	ng/ul	0.00
58) Fluorene-d10	15.10	176	822283	19.20	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.25	200	137481	16.06	ng/ul	0.00
71) Anthracene-d10	16.95	188	1232508	19.30	ng/ul	0.00
79) Pyrene-d10	19.26	212	1287420	19.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	1476415	19.26	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.02	88	46954	8.139	ng/uL	89
4) Benzaldehyde	6.59	77	278346	19.766	ng/ul	98
6) Phenol	6.66	94	391939	17.424	ng/ul	98
8) Bis(2-Chloroethyl)ether	6.88	93	329250	18.890	ng/ul	99
10) 2-Chlorophenol	7.00	128	295682	18.557	ng/ul	97
11) 2-Methylphenol	7.89	108	282834	16.911	ng/ul	100
12) 2,2'-oxybis(1-Chloropropan	7.97	45	408581m	20.354	ng/ul	
14) Acetophenone	8.26	105	490026	18.248	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.25	70	283747	19.127	ng/ul	99
16) 4-Methylphenol	8.22	108	312911	16.852	ng/ul	97
17) Hexachloroethane	8.49	117	134079	20.386	ng/ul	99
20) Nitrobenzene	8.63	77	407022	20.147	ng/ul	99
21) Isophorone	9.16	82	734844	19.461	ng/ul	100
23) 2-Nitrophenol	9.33	139	168567	19.160	ng/ul	89
24) 2,4-Dimethylphenol	9.41	107	370431	19.519	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.64	93	473350	20.178	ng/ul	98
27) 2,4-Dichlorophenol	9.86	162	292253	19.221	ng/ul	97
28) Naphthalene	10.25	128	1030238	19.438	ng/ul	100
30) 4-Chloroaniline	10.38	127	362037	19.011	ng/ul	100
31) Hexachlorobutadiene	10.53	225	197494	21.011	ng/ul	98
32) Caprolactam	11.18	113	87194m	15.176	ng/ul	
33) 4-Chloro-3-methylphenol	11.52	107	332700	18.235	ng/ul	97
34) 2-Methylnaphthalene	11.87	142	717620	18.942	ng/ul	99

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35) 1-Methylnaphthalene	12.10	142	730201	18.883	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.26	216	357890	20.039	ng/ul	98
38) Hexachlorocyclopentadiene	12.23	237	122234	15.190	ng/ul	96
39) 2,4,6-Trichlorophenol	12.52	196	223198	18.897	ng/ul	97
40) 2,4,5-Trichlorophenol	12.59	196	236109	18.543	ng/ul	95
41) 1,1'-Biphenyl	12.92	154	951069	19.286	ng/ul	99
42) 2-Chloronaphthalene	12.96	162	749589	19.347	ng/ul	97
43) 2-Nitroaniline	13.18	65	214663	18.897	ng/ul	96
45) Dimethylphthalate	13.57	163	985843	19.416	ng/ul	100
46) 2,6-Dinitrotoluene	13.69	165	188512	18.848	ng/ul	95
48) Acenaphthylene	13.81	152	1202207	19.344	ng/ul	99
49) 3-Nitroaniline	14.02	138	158234	16.670	ng/ul	93
50) Acenaphthene	14.16	153	816680	19.111	ng/ul	100
51) 2,4-Dinitrophenol	14.26	184	69977	12.450	ng/ul	92
53) 4-Nitrophenol	14.36	109	112692	16.111	ng/ul	98
54) Dibenzofuran	14.50	168	1146000	19.291	ng/ul	99
55) 2,4-Dinitrotoluene	14.49	165	275197	18.220	ng/ul#	85
56) 2,3,4,6-Tetrachlorophenol	14.74	232	215619	18.731	ng/ul	96
57) Diethylphthalate	14.95	149	1029200	19.937	ng/ul	100
59) Fluorene	15.16	166	953152	18.999	ng/ul	100
60) 4-Chlorophenyl-phenylether	15.16	204	473987	19.429	ng/ul	96
61) 4-Nitroaniline	15.20	138	160466	15.310	ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.26	198	155910	17.053	ng/ul	92
65) N-Nitrosodiphenylamine	15.37	169	801633	19.648	ng/ul	99
66) 4-Bromophenyl-phenylether	16.05	248	299422	20.075	ng/ul	97
67) Hexachlorobenzene	16.16	284	361360	19.786	ng/ul	98
68) Atrazine	16.34	200	289668	19.100	ng/ul	99
69) Pentachlorophenol	16.52	266	156647	16.368	ng/ul	97
70) Phenanthrene	16.90	178	1511343	19.239	ng/ul	99
72) Anthracene	16.99	178	1541191	19.514	ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	12.88	216	358405	20.351	ng/uL	99
74) Pentachlorobenzene	14.42	250	394005	20.314	ng/uL	96
75) Carbazole	17.27	167	1264961	18.645	ng/ul	100
76) Di-n-butylphthalate	17.84	149	1754977	21.569	ng/ul	99
77) Fluoranthene	18.93	202	1675660	19.570	ng/ul	99
80) Pyrene	19.29	202	1775175	20.005	ng/ul	99
81) Butylbenzylphthalate	20.22	149	750536	21.469	ng/ul	100
82) 3,3'-Dichlorobenzidine	21.00	252	564179	18.697	ng/ul	100
83) Benzo(a)anthracene	21.05	228	1684708	19.453	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.01	149	1214462	23.311	ng/ul	99
85) Chrysene	21.10	228	1676316	19.748	ng/ul	99
87) Di-n-octyl phthalate	21.86	149	2018510	24.205	ng/ul	100
88) Benzo(b)fluoranthene	22.57	252	1840512	19.930	ng/ul	99
89) Benzo(k)fluoranthene	22.61	252	1753455	19.351	ng/ul	99
91) Benzo(a)pyrene	23.11	252	1643985	19.678	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.30	276	2064501	20.580	ng/ul	99
93) Dibenzo(a,h)anthracene	25.31	278	1743309	20.728	ng/ul	99
94) Benzo(g,h,i)perylene	25.94	276	1724263	21.052	ng/ul	98

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

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