Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102819\
Data File : BM023414.D
Acq On : 28 Oct 2019 11:49
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02001

Quant Time: Oct 29 11:47:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 25 07:44:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	439348	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.41	136	1729468	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.27	164	1041159	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.03	188	2105365	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	2110784	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	2443133	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	78781	8.52	ng/uL	0.00
5) Phenol-d5	6.81	99	693889	18.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.97	67	418753	19.36	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.16	132	564943	19.58	ng/ul	-0.01
13) 4-Methylphenol-d8	8.34	113	543569	18.14	ng/ul	-0.01
19) Nitrobenzene-d5	8.77	128	267665	20.56	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.50	143	293304	20.30	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.04	165	562413	19.81	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	613749	18.80	ng/ul	-0.01
44) Dimethylphthalate-d6	13.69	166	1545666	19.55	ng/ul	-0.01
47) Acenaphthylene-d8	13.97	160	1850036	20.43	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.49	143	258723	18.89	ng/ul	0.00
58) Fluorene-d10	15.27	176	1327582	19.83	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.40	200	221484	16.90	ng/ul	0.00
71) Anthracene-d10	17.12	188	2011381	20.22	ng/ul	-0.01
79) Pyrene-d10	19.42	212	2155104	18.57	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.28	264	2460575	19.77	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	82347	8.366	ng/uL	98
4) Benzaldehyde	6.77	77	318274	14.982	ng/ul	99
6) Phenol	6.84	94	714926	18.815	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.06	93	570618	19.258	ng/ul	99
10) 2-Chlorophenol	7.20	128	595119	19.692	ng/ul	99
11) 2-Methylphenol	8.07	108	542446	18.670	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	797026	18.838	ng/ul	100
14) Acetophenone	8.45	105	861286	18.395	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.44	70	456215	17.247	ng/ul	98
16) 4-Methylphenol	8.40	108	583305	18.314	ng/ul	98
17) Hexachloroethane	8.70	117	248398	19.749	ng/ul	99
20) Nitrobenzene	8.82	77	654427	20.521	ng/ul	98
21) Isophorone	9.35	82	1223136	19.144	ng/ul	99
23) 2-Nitrophenol	9.53	139	319850	20.267	ng/ul	98
24) 2,4-Dimethylphenol	9.60	107	641623	19.688	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.83	93	764862	19.465	ng/ul	98
27) 2,4-Dichlorophenol	10.06	162	554803	19.813	ng/ul	99
28) Naphthalene	10.46	128	1805311	20.366	ng/ul	99
30) 4-Chloroaniline	10.57	127	640255	18.916	ng/ul	99
31) Hexachlorobutadiene	10.75	225	369412	20.212	ng/ul	100
32) Caprolactam	11.35	113	168748	19.630	ng/ul	100
33) 4-Chloro-3-methylphenol	11.71	107	569576	18.448	ng/ul	99
34) 2-Methylnaphthalene	12.08	142	1294840	19.123	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	1245252	19.057 ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.46	216	690989	21.015 ng/ul	99
38) Hexachlorocyclopentadiene	12.44	237	405592	18.596 ng/ul	100
39) 2,4,6-Trichlorophenol	12.70	196	437000	20.398 ng/ul	97
40) 2,4,5-Trichlorophenol	12.77	196	469966	20.447 ng/ul	97
41) 1,1'-Biphenyl	13.10	154	1673884	20.733 ng/ul	100
42) 2-Chloronaphthalene	13.14	162	1285418	20.893 ng/ul	100
43) 2-Nitroaniline	13.35	65	340762	19.822 ng/ul	97
45) Dimethylphthalate	13.74	163	1560242	19.654 ng/ul	99
46) 2,6-Dinitrotoluene	13.86	165	307582	19.558 ng/ul	95
48) Acenaphthylene	14.00	152	1932042	20.578 ng/ul	99
49) 3-Nitroaniline	14.18	138	261119	18.376 ng/ul	96
50) Acenaphthene	14.34	153	1343240	20.338 ng/ul	99
51) 2,4-Dinitrophenol	14.40	184	156360	16.494 ng/ul	96
53) 4-Nitrophenol	14.50	109	204185	18.724 ng/ul	96
54) Dibenzofuran	14.68	168	1895692	20.043 ng/ul	98
55) 2,4-Dinitrotoluene	14.64	165	444366	19.492 ng/ul	96
56) 2,3,4,6-Tetrachlorophenol	14.91	232	407899	19.457 ng/ul	95
57) Diethylphthalate	15.12	149	1565317	19.547 ng/ul	99
59) Fluorene	15.33	166	1527692	19.810 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	793684	19.471 ng/ul	99
61) 4-Nitroaniline	15.34	138	279837	17.643 ng/ul	97
64) 4,6-Dinitro-2-methylphenol	15.42	198	247442	17.192 ng/ul#	98
65) N-Nitrosodiphenylamine	15.54	169	1338863	20.160 ng/ul	100
66) 4-Bromophenyl-phenylether	16.22	248	532517	19.810 ng/ul	99
67) Hexachlorobenzene	16.34	284	611823	19.887 ng/ul	99
68) Atrazine	16.50	200	482097	19.863 ng/ul	99
69) Pentachlorophenol	16.68	266	326595	17.874 ng/ul	99
70) Phenanthrene	17.07	178	2385552	20.275 ng/ul	100
72) Anthracene	17.16	178	2441352	20.479 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.07	216	668237	21.185 ng/uL	99
74) Pentachlorobenzene	14.60	250	684031	20.238 ng/uL	99
75) Carbazole	17.43	167	2159611	21.489 ng/ul	99
76) Di-n-butylphthalate	18.01	149	2662174	21.105 ng/ul	100
77) Fluoranthene	19.09	202	2789171	22.727 ng/ul	98
80) Pyrene	19.45	202	2836171	19.028 ng/ul	100
81) Butylbenzylphthalate	20.37	149	1212775	19.874 ng/ul	98
82) 3,3'-Dichlorobenzidine	21.14	252	914617	18.117 ng/ul	100
83) Benzo(a)anthracene	21.20	228	2847382	20.170 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	1797465	21.010 ng/ul	99
85) Chrysene	21.26	228	2673032	20.521 ng/ul	100
87) Di-n-octyl phthalate	22.03	149	3005255	20.914 ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	2994191	19.082 ng/ul	100
89) Benzo(k)fluoranthene	22.81	252	2846163	19.317 ng/ul	100
91) Benzo(a)pyrene	23.33	252	2843091	20.014 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.63	276	3500694	22.759 ng/ul	99
93) Dibenzo(a,h)anthracene	25.64	278	2937989	22.653 ng/ul	98
94) Benzo(g,h,i)perylene	26.29	276	2906232	23.223 ng/ul	100

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

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