Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023446.D
Acq On : 29 Oct 2019 17:08
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02014

Quant Time: Oct 29 18:05:21 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	7.62	152	477583	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.40	136	1907635	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.27	164	1163149	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	2342652	20.00	ng/ul	-0.01
78) Chrysene-d12	21.22	240	2416967	20.00	ng/ul	-0.01
86) Perylene-d12	23.41	264	2789934	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	84000	8.35	ng/uL	0.00
5) Phenol-d5	6.81	99	762349	19.01	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	457044	19.44	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.16	132	617401	19.69	ng/ul	-0.01
13) 4-Methylphenol-d8	8.34	113	599756	18.41	ng/ul	-0.01
19) Nitrobenzene-d5	8.77	128	295475	20.57	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.49	143	318012	19.96	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.03	165	616490	19.69	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.54	131	689732	19.16	ng/ul	-0.02
44) Dimethylphthalate-d6	13.69	166	1700858	19.26	ng/ul	-0.01
47) Acenaphthylene-d8	13.96	160	2044721	20.21	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.49	143	292797	19.14	ng/ul	0.00
58) Fluorene-d10	15.27	176	1467988	19.62	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.40	200	237745	16.30	ng/ul	-0.01
71) Anthracene-d10	17.12	188	2266274	20.47	ng/ul	-0.02
79) Pyrene-d10	19.42	212	2436287	18.33	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.27	264	2841358	19.99	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	82393	7.700	ng/uL	98
4) Benzaldehyde	6.77	77	346712	15.014	ng/ul	96
6) Phenol	6.83	94	798317	19.328	ng/ul	99
8) Bis(2-Chloroethyl)ether	7.06	93	633561	19.671	ng/ul	100
10) 2-Chlorophenol	7.19	128	647940	19.724	ng/ul	98
11) 2-Methylphenol	8.07	108	589901	18.678	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	881680	19.171	ng/ul	98
14) Acetophenone	8.45	105	943584	18.540	ng/ul	98
15) N-Nitroso-di-n-propylamine	8.43	70	497702	17.309	ng/ul	99
16) 4-Methylphenol	8.40	108	637801	18.422	ng/ul	96
17) Hexachloroethane	8.69	117	270660	19.796	ng/ul	98
20) Nitrobenzene	8.82	77	721450	20.509	ng/ul	96
21) Isophorone	9.35	82	1341457	19.034	ng/ul	99
23) 2-Nitrophenol	9.52	139	356049	20.454	ng/ul	98
24) 2,4-Dimethylphenol	9.59	107	701747	19.522	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.83	93	833415	19.228	ng/ul	100
27) 2,4-Dichlorophenol	10.06	162	606832	19.647	ng/ul	100
28) Naphthalene	10.45	128	1977229	20.222	ng/ul	100
30) 4-Chloroaniline	10.56	127	723192	19.370	ng/ul	99
31) Hexachlorobutadiene	10.75	225	402675	19.974	ng/ul	100
32) Caprolactam	11.35	113	181441	19.135	ng/ul	96
33) 4-Chloro-3-methylphenol	11.70	107	628129	18.444	ng/ul	99
34) 2-Methylnaphthalene	12.07	142	1427772	19.117	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.29	142	1373796	19.061 ng/ul	100
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	760475	20.703 ng/ul	98
38) Hexachlorocyclopentadiene	12.43	237	412511	16.930 ng/ul	96
39) 2,4,6-Trichlorophenol	12.70	196	485407	20.282 ng/ul	99
40) 2,4,5-Trichlorophenol	12.77	196	507906	19.780 ng/ul	99
41) 1,1'-Biphenyl	13.10	154	1825691	20.242 ng/ul	99
42) 2-Chloronaphthalene	13.14	162	1408189	20.488 ng/ul	99
43) 2-Nitroaniline	13.35	65	384122	20.001 ng/ul	99
45) Dimethylphthalate	13.74	163	1729454	19.501 ng/ul	100
46) 2,6-Dinitrotoluene	13.85	165	340119	19.359 ng/ul	97
48) Acenaphthylene	13.99	152	2115578	20.170 ng/ul	99
49) 3-Nitroaniline	14.17	138	298785	18.821 ng/ul	97
50) Acenaphthene	14.33	153	1480426	20.064 ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	156375	14.765 ng/ul	94
53) 4-Nitrophenol	14.50	109	229444	18.833 ng/ul	95
54) Dibenzofuran	14.67	168	2120270	20.066 ng/ul	98
55) 2,4-Dinitrotoluene	14.64	165	501440	19.689 ng/ul	98
56) 2,3,4,6-Tetrachlorophenol	14.90	232	441976	18.871 ng/ul	97
57) Diethylphthalate	15.11	149	1735829	19.403 ng/ul	99
59) Fluorene	15.32	166	1707090	19.814 ng/ul	99
60) 4-Chlorophenyl-phenylether	15.33	204	885785	19.452 ng/ul	99
61) 4-Nitroaniline	15.34	138	326897	18.448 ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.41	198	269025	16.798 ng/ul#	99
65) N-Nitrosodiphenylamine	15.54	169	1492813	20.201 ng/ul	100
66) 4-Bromophenyl-phenylether	16.22	248	581876	19.454 ng/ul	98
67) Hexachlorobenzene	16.33	284	681608	19.912 ng/ul	99
68) Atrazine	16.50	200	532274	19.709 ng/ul	99
69) Pentachlorophenol	16.67	266	321738	15.824 ng/ul	97
70) Phenanthrene	17.06	178	2692675	20.568 ng/ul	99
72) Anthracene	17.15	178	2776892	20.935 ng/ul	100
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	736510	20.985 ng/uL	98
74) Pentachlorobenzene	14.60	250	755330	20.084 ng/uL	99
75) Carbazole	17.42	167	2452792	21.935 ng/ul	100
76) Di-n-butylphthalate	18.00	149	2934326	20.906 ng/ul	99
77) Fluoranthene	19.08	202	3131127	22.929 ng/ul	98
80) Pyrene	19.44	202	3217668	18.853 ng/ul	100
81) Butylbenzylphthalate	20.37	149	1347722	19.287 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.14	252	1030321	17.824 ng/ul	98
83) Benzo(a)anthracene	21.20	228	3285047	20.323 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.16	149	2002536	20.442 ng/ul	100
85) Chrysene	21.25	228	3047802	20.434 ng/ul	99
87) Di-n-octyl phthalate	22.03	149	3363730	20.499 ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	3483993	19.443 ng/ul	100
89) Benzo(k)fluoranthene	22.80	252	3218539	19.129 ng/ul	99
91) Benzo(a)pyrene	23.31	252	3264159	20.122 ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.61	276	4018418	22.878 ng/ul	99
93) Dibenzo(a,h)anthracene	25.62	278	3378382	22.811 ng/ul	99
94) Benzo(g,h,i)perylene	26.28	276	3347472	23.424 ng/ul	99

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

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