Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023433.D
Acq On : 29 Oct 2019 09:22
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02013

Quant Time: Oct 29 18:03:33 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	505488	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.40	136	1984917	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.27	164	1161674	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	2272550	20.00	ng/ul	-0.01
78) Chrysene-d12	21.22	240	2304500	20.00	ng/ul	-0.01
86) Perylene-d12	23.41	264	2666535	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	92753	8.72	ng/uL	0.00
5) Phenol-d5	6.80	99	796631	18.76	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	489281	19.66	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.16	132	646195	19.47	ng/ul	-0.01
13) 4-Methylphenol-d8	8.34	113	616525	17.88	ng/ul	-0.01
19) Nitrobenzene-d5	8.78	128	305959	20.48	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.49	143	334162	20.16	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.03	165	629241	19.31	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.54	131	699766	18.68	ng/ul	-0.02
44) Dimethylphthalate-d6	13.69	166	1702488	19.30	ng/ul	-0.01
47) Acenaphthylene-d8	13.96	160	2062864	20.41	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.49	143	276154	18.07	ng/ul	0.00
58) Fluorene-d10	15.27	176	1455220	19.48	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.40	200	240910	17.03	ng/ul	-0.01
71) Anthracene-d10	17.12	188	2184330	20.34	ng/ul	-0.02
79) Pyrene-d10	19.42	212	2310399	18.23	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.27	264	2696207	19.85	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	95026	8.391	ng/uL	97
4) Benzaldehyde	6.77	77	369376	15.112	ng/ul	98
6) Phenol	6.83	94	836985	19.145	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.06	93	672311	19.722	ng/ul	99
10) 2-Chlorophenol	7.19	128	680463	19.570	ng/ul	99
11) 2-Methylphenol	8.08	108	613077	18.341	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	8.16	45	937902	19.267	ng/ul	99
14) Acetophenone	8.45	105	996195	18.493	ng/ul	97
15) N-Nitroso-di-n-propylamine	8.43	70	521518	17.136	ng/ul	99
16) 4-Methylphenol	8.40	108	660988	18.037	ng/ul	99
17) Hexachloroethane	8.70	117	289185	19.984	ng/ul	97
20) Nitrobenzene	8.82	77	763506	20.860	ng/ul	98
21) Isophorone	9.35	82	1387803	18.925	ng/ul	99
23) 2-Nitrophenol	9.52	139	369198	20.384	ng/ul	99
24) 2,4-Dimethylphenol	9.59	107	730594	19.533	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.83	93	870203	19.296	ng/ul	98
27) 2,4-Dichlorophenol	10.06	162	626941	19.508	ng/ul	98
28) Naphthalene	10.45	128	2071025	20.357	ng/ul	100
30) 4-Chloroaniline	10.56	127	730733	18.810	ng/ul	100
31) Hexachlorobutadiene	10.75	225	431759	20.583	ng/ul	98
32) Caprolactam	11.34	113	178755	18.118	ng/ul	100
33) 4-Chloro-3-methylphenol	11.70	107	625068	17.640	ng/ul	98
34) 2-Methylnaphthalene	12.07	142	1474007	18.967	ng/ul	97

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
35) 1-Methylnaphthalene	12.30	142	1417250	18.898 ng/ul	98
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	783564	21.358 ng/ul	98
38) Hexachlorocyclopentadiene	12.43	237	430579	17.694 ng/ul	99
39) 2,4,6-Trichlorophenol	12.70	196	483384	20.223 ng/ul	99
40) 2,4,5-Trichlorophenol	12.77	196	508222	19.818 ng/ul	97
41) 1,1'-Biphenyl	13.10	154	1872018	20.782 ng/ul	99
42) 2-Chloronaphthalene	13.14	162	1451927	21.151 ng/ul	100
43) 2-Nitroaniline	13.35	65	374452	19.522 ng/ul	99
45) Dimethylphthalate	13.74	163	1719527	19.414 ng/ul	100
46) 2,6-Dinitrotoluene	13.85	165	341995	19.490 ng/ul	98
48) Acenaphthylene	13.99	152	2149249	20.517 ng/ul	99
49) 3-Nitroaniline	14.17	138	281651	17.765 ng/ul	96
50) Acenaphthene	14.34	153	1495994	20.301 ng/ul	99
51) 2,4-Dinitrophenol	14.39	184	170691	16.138 ng/ul	93
53) 4-Nitrophenol	14.50	109	217282	17.858 ng/ul	97
54) Dibenzofuran	14.67	168	2112974	20.022 ng/ul	99
55) 2,4-Dinitrotoluene	14.65	165	489923	19.261 ng/ul	100
56) 2,3,4,6-Tetrachlorophenol	14.90	232	432340	18.483 ng/ul	97
57) Diethylphthalate	15.12	149	1712533	19.167 ng/ul	99
59) Fluorene	15.33	166	1694941	19.698 ng/ul	100
60) 4-Chlorophenyl-phenylether	15.33	204	874731	19.233 ng/ul	100
61) 4-Nitroaniline	15.34	138	302962	17.119 ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.42	198	269480	17.346 ng/ul#	96
65) N-Nitrosodiphenylamine	15.54	169	1468901	20.491 ng/ul	99
66) 4-Bromophenyl-phenylether	16.22	248	580090	19.993 ng/ul	97
67) Hexachlorobenzene	16.33	284	660916	19.903 ng/ul	100
68) Atrazine	16.50	200	512727	19.571 ng/ul	98
69) Pentachlorophenol	16.67	266	345318	17.508 ng/ul	98
70) Phenanthrene	17.06	178	2610355	20.554 ng/ul	99
72) Anthracene	17.15	178	2672750	20.771 ng/ul	99
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	746579	21.928 ng/uL	99
74) Pentachlorobenzene	14.60	250	760849	20.854 ng/uL	97
75) Carbazole	17.42	167	2318421	21.373 ng/ul	99
76) Di-n-butylphthalate	18.00	149	2830746	20.791 ng/ul	100
77) Fluoranthene	19.09	202	2985979	22.541 ng/ul	99
80) Pyrene	19.45	202	3054483	18.770 ng/ul	99
81) Butylbenzylphthalate	20.37	149	1272480	19.099 ng/ul	99
82) 3,3'-Dichlorobenzidine	21.13	252	977419	17.734 ng/ul	99
83) Benzo(a)anthracene	21.20	228	3093831	20.074 ng/ul	100
84) Bis(2-ethylhexyl)phthalate	21.15	149	1913626	20.488 ng/ul	100
85) Chrysene	21.25	228	2883159	20.274 ng/ul	99
87) Di-n-octyl phthalate	22.02	149	3217187	20.513 ng/ul	100
88) Benzo(b)fluoranthene	22.76	252	3188410	18.617 ng/ul	100
89) Benzo(k)fluoranthene	22.80	252	3207881	19.948 ng/ul	100
91) Benzo(a)pyrene	23.32	252	3103198	20.015 ng/ul	100
92) Indeno(1,2,3-cd)pyrene	25.61	276	3807471	22.680 ng/ul	100
93) Dibenzo(a,h)anthracene	25.63	278	3198731	22.597 ng/ul	100
94) Benzo(g,h,i)perylene	26.28	276	3169548	23.206 ng/ul	99

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

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