Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
Data File : BM012040.D
Acq On : 10 Oct 2017 13:29
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02037

Quant Time: Oct 11 01:05:19 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 02:27:01 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	158590	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	717692	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	456850	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1131916	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1614806	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1765447	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.26	96	27903	8.32	ng/uL	0.00
5) Phenol-d5	7.00	99	269973	19.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	165452	20.49	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	240960	22.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	236223	20.03	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	108266	21.18	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	125620	21.82	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	252524	21.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	315007	24.81	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	818590	20.67	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	981335	21.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	125701	18.17	ng/ul	0.00
57) Fluorene-d10	15.49	176	729978	20.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	138553	18.19	ng/ul	0.00
70) Anthracene-d10	17.33	188	1193051	21.39	ng/ul	0.00
76) Pyrene-d10	19.63	212	1496749	20.55	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	1798909	21.18	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.29	88	27251	7.998	ng/uL#	68
4) Benzaldehyde	6.99	77	152460	22.423	ng/ul	93
6) Phenol	7.03	94	270439	20.030	ng/ul#	87
8) Bis(2-Chloroethyl)ether	7.26	93	205368	20.257	ng/ul	96
10) 2-Chlorophenol	7.40	128	228421	21.355	ng/ul	99
11) 2-Methylphenol	8.29	108	206766	20.136	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.37	45	267083	20.600	ng/ul#	87
14) Acetophenone	8.67	105	347541	20.137	ng/ul	89
15) N-Nitroso-di-n-propylamine	8.65	70	182047	20.612	ng/ul#	70
16) 4-Methylphenol	8.61	108	233425	20.308	ng/ul	93
17) Hexachloroethane	8.92	117	90704	21.135	ng/ul	84
20) Nitrobenzene	9.05	77	266985	21.623	ng/ul	95
21) Isophorone	9.57	82	479611	20.830	ng/ul#	95
23) 2-Nitrophenol	9.76	139	132617	21.919	ng/ul#	80
24) 2,4-Dimethylphenol	9.82	107	277198	21.362	ng/ul#	89
25) Bis(2-Chloroethoxy)methane	10.06	93	292494	20.688	ng/ul	95
27) 2,4-Dichlorophenol	10.29	162	241565	21.518	ng/ul	87
28) Naphthalene	10.70	128	752750	20.908	ng/ul	99
30) 4-Chloroaniline	10.81	127	294259	23.624	ng/ul	95
31) Hexachlorobutadiene	10.97	225	171824	20.862	ng/ul	95
32) Caprolactam	11.59	113	70391	19.125	ng/ul#	43
33) 4-Chloro-3-methylphenol	11.93	107	259618	21.276	ng/ul	94
34) 2-Methylnaphthalene	12.31	142	568252	20.699	ng/ul	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.68	216	325475	21.001 ng/ul	97
37) Hexachlorocyclopentadiene	12.65	237	174554	19.352 ng/ul	98
38) 2,4,6-Trichlorophenol	12.92	196	214438	21.785 ng/ul	99
39) 2,4,5-Trichlorophenol	12.99	196	224751	21.694 ng/ul	98
40) 1,1'-Biphenyl	13.32	154	755685	20.689 ng/ul	99
41) 2-Chloronaphthalene	13.37	162	600742	21.019 ng/ul	99
42) 2-Nitroaniline	13.57	65	156454	21.564 ng/ul	90
44) Dimethylphthalate	13.95	163	785602	20.624 ng/ul	99
45) 2,6-Dinitrotoluene	14.07	165	151138	21.044 ng/ul#	95
47) Acenaphthylene	14.22	152	967854	21.453 ng/ul	99
48) 3-Nitroaniline	14.40	138	139613	20.927 ng/ul	86
49) Acenaphthene	14.56	153	652572	20.904 ng/ul	100
50) 2,4-Dinitrophenol	14.62	184	73779	15.544 ng/ul	93
52) 4-Nitrophenol	14.71	109	114463	20.704 ng/ul	82
53) Dibenzofuran	14.89	168	950220	20.972 ng/ul	100
54) 2,4-Dinitrotoluene	14.86	165	230576	21.714 ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	15.12	232	219211	21.667 ng/ul#	87
56) Diethylphthalate	15.30	149	798764	20.660 ng/ul	96
58) Fluorene	15.54	166	788047	20.828 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.53	204	406414	20.310 ng/ul	96
60) 4-Nitroaniline	15.56	138	155546	20.015 ng/ul	90
63) 4,6-Dinitro-2-methylphenol	15.62	198	144535	18.574 ng/ul#	93
64) N-Nitrosodiphenylamine	15.74	169	683620	20.907 ng/ul	99
65) 4-Bromophenyl-phenylether	16.42	248	257457	20.306 ng/ul	94
66) Hexachlorobenzene	16.54	284	294584	20.781 ng/ul#	89
67) Atrazine	16.69	200	263491	20.354 ng/ul	93
68) Pentachlorophenol	16.89	266	184567	20.697 ng/ul	99
69) Phenanthrene	17.28	178	1298922	20.862 ng/ul	98
71) Anthracene	17.37	178	1356402	21.410 ng/ul	98
72) Carbazole	17.64	167	1171324	21.344 ng/ul	99
73) Di-n-butylphthalate	18.19	149	1408392	21.418 ng/ul#	98
74) Fluoranthene	19.29	202	1699948	22.377 ng/ul#	91
77) Pyrene	19.66	202	1835306	20.498 ng/ul#	89
78) Butylbenzylphthalate	20.54	149	745087	21.243 ng/ul	92
79) 3,3'-Dichlorobenzidine	21.33	252	649229	21.596 ng/ul#	97
80) Benzo(a)anthracene	21.40	228	2021916	21.857 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.31	149	1114134	21.352 ng/ul#	97
82) Chrysene	21.45	228	1913634	21.772 ng/ul	100
84) Di-n-octyl phthalate	22.20	149	2026143	19.644 ng/ul	99
85) Benzo(b)fluoranthene	23.03	252	2261011	21.070 ng/ul#	97
86) Benzo(k)fluoranthene	23.07	252	2102425	19.624 ng/ul#	97
88) Benzo(a)pyrene	23.63	252	2177019	21.113 ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.10	276	2472071	22.404 ng/ul#	92
90) Dibenzo(a,h)anthracene	26.10	278	2087474	23.024 ng/ul#	96
91) Benzo(g,h,i)perylene	26.82	276	2003789	21.953 ng/ul#	94

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

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