Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM101417\
Data File : BM012170.D
Acq On : 14 Oct 2017 14:54
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02007

Manual Integrations APPROVED
Sohil
10/16/2017 7:47:41 PM

Quant Time: Oct 15 05:18:48 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 00:15:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	155926	20.00	ng/ul	-0.03
18) Naphthalene-d8	10.62	136	693362	20.00	ng/ul	-0.04
35) Acenaphthene-d10	14.46	164	449336	20.00	ng/ul	-0.04
61) Phenanthrene-d10	17.22	188	1134006	20.00	ng/ul	-0.04
75) Chrysene-d12	21.39	240	1383661	20.00	ng/ul	-0.04
83) Perylene-d12	23.70	264	1529117	20.00	ng/ul	-0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	23703	7.22	ng/uL	-0.03
5) Phenol-d5	6.98	99	241397	19.08	ng/ul	-0.04
7) Bis-(2-Chloroethyl)ether-d	7.15	67	146079	19.25	ng/ul	-0.03
9) 2-Chlorophenol-d4	7.35	132	212039	19.76	ng/ul	-0.04
13) 4-Methylphenol-d8	8.53	113	222441	20.42	ng/ul	-0.04
19) Nitrobenzene-d5	8.98	128	103692	19.60	ng/ul	-0.04
22) 2-Nitrophenol-d4	9.70	143	123669	20.00	ng/ul	-0.04
26) 2,4-Dichlorophenol-d3	10.25	165	238400	20.20	ng/ul	-0.04
29) 4-Chloroaniline-d4	10.76	131	263195	23.82	ng/ul	-0.04
43) Dimethylphthalate-d6	13.87	166	817847	20.59	ng/ul	-0.03
46) Acenaphthylene-d8	14.16	160	957094	19.91	ng/ul	-0.04
51) 4-Nitrophenol-d4	14.69	143	119113	19.95	ng/ul	-0.05
57) Fluorene-d10	15.46	176	667030	20.46	ng/ul	-0.04
62) 4,6-Dinitro-2-methylphenol	15.60	200	147380	18.94	ng/ul	-0.05
70) Anthracene-d10	17.31	188	1103493	19.68	ng/ul	-0.04
76) Pyrene-d10	19.60	212	1307297	18.61	ng/ul	-0.04
87) Benzo(a)pyrene-d12	23.56	264	1449159	19.66	ng/ul	-0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	24515	7.322	ng/uL#	65
4) Benzaldehyde	6.96	77	166719	19.721	ng/ul	92
6) Phenol	7.01	94	247350	18.913	ng/ul#	88
8) Bis(2-Chloroethyl)ether	7.23	93	193308	19.396	ng/ul	96
10) 2-Chlorophenol	7.37	128	213651	19.507	ng/ul	98
11) 2-Methylphenol	8.26	108	193962	19.719	ng/ul	95
12) 2,2'-oxybis(1-Chloropropan	8.35	45	232436	18.367	ng/ul#	84
14) Acetophenone	8.65	105	337935	20.414	ng/ul	90
15) N-Nitroso-di-n-propylamine	8.62	70	180037	20.293	ng/ul#	69
16) 4-Methylphenol	8.59	108	218307	20.140	ng/ul	93
17) Hexachloroethane	8.89	117	89079	19.275	ng/ul	86
20) Nitrobenzene	9.03	77	265597	20.203	ng/ul	95
21) Isophorone	9.55	82	496425	20.212	ng/ul#	94
23) 2-Nitrophenol	9.73	139	133116	20.077	ng/ul#	78
24) 2,4-Dimethylphenol	9.79	107	264925	19.827	ng/ul#	88
25) Bis(2-Chloroethoxy)methane	10.03	93	284093	19.726	ng/ul	97
27) 2,4-Dichlorophenol	10.27	162	232428	19.989	ng/ul	92
28) Naphthalene	10.67	128	701782	19.563	ng/ul	100
30) 4-Chloroaniline	10.79	127	265112	24.404	ng/ul	93
31) Hexachlorobutadiene	10.93	225	172552	20.022	ng/ul	96
32) Caprolactam	11.58	113	83959m	22.872	ng/ul	
33) 4-Chloro-3-methylphenol	11.92	107	253736	20.828	ng/ul	94
34) 2-Methylnaphthalene	12.28	142	544755	20.123	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.65	216	317018	19.435 ng/ul	97
37) Hexachlorocyclopentadiene	12.62	237	154124	21.200 ng/ul	100
38) 2,4,6-Trichlorophenol	12.90	196	212692	19.667 ng/ul	95
39) 2,4,5-Trichlorophenol	12.98	196	221501	19.902 ng/ul	99
40) 1,1'-Biphenyl	13.29	154	734396	19.366 ng/ul	99
41) 2-Chloronaphthalene	13.34	162	578244	19.433 ng/ul	98
42) 2-Nitroaniline	13.56	65	172564	20.843 ng/ul	89
44) Dimethylphthalate	13.92	163	803543	20.196 ng/ul	99
45) 2,6-Dinitrotoluene	14.05	165	163258	20.672 ng/ul	94
47) Acenaphthylene	14.19	152	938712	19.886 ng/ul	99
48) 3-Nitroaniline	14.39	138	138099	22.475 ng/ul	86
49) Acenaphthene	14.53	153	631730	19.868 ng/ul	98
50) 2,4-Dinitrophenol	14.61	184	82620	18.423 ng/ul	94
52) 4-Nitrophenol	14.70	109	109761	20.456 ng/ul#	80
53) Dibenzofuran	14.87	168	926299	20.232 ng/ul	99
54) 2,4-Dinitrotoluene	14.85	165	248741	21.731 ng/ul	93
55) 2,3,4,6-Tetrachlorophenol	15.10	232	208893	20.509 ng/ul	91
56) Diethylphthalate	15.28	149	842867	19.598 ng/ul	95
58) Fluorene	15.52	166	770939	20.275 ng/ul	99
59) 4-Chlorophenyl-phenylether	15.50	204	407518	20.401 ng/ul	95
60) 4-Nitroaniline	15.55	138	155420m	20.485 ng/ul	
63) 4,6-Dinitro-2-methylphenol	15.62	198	158421	19.282 ng/ul	91
64) N-Nitrosodiphenylamine	15.72	169	675733	19.037 ng/ul	99
65) 4-Bromophenyl-phenylether	16.40	248	262389	19.330 ng/ul	94
66) Hexachlorobenzene	16.52	284	292221	19.002 ng/ul#	89
67) Atrazine	16.67	200	296434	19.973 ng/ul	95
68) Pentachlorophenol	16.87	266	148092	17.266 ng/ul	97
69) Phenanthrene	17.26	178	1249158	19.364 ng/ul	99
71) Anthracene	17.34	178	1303736	19.521 ng/ul	98
72) Carbazole	17.62	167	1111364	19.662 ng/ul	99
73) Di-n-butylphthalate	18.16	149	1502814	19.151 ng/ul	98
74) Fluoranthene	19.27	202	1592339	20.453 ng/ul#	93
77) Pyrene	19.63	202	1659771	18.164 ng/ul#	90
78) Butylbenzylphthalate	20.52	149	738635	18.158 ng/ul	89
79) 3,3'-Dichlorobenzidine	21.31	252	556531	20.210 ng/ul#	96
80) Benzo(a)anthracene	21.38	228	1737849	19.302 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.29	149	1105053	18.105 ng/ul#	96
82) Chrysene	21.43	228	1610011	19.047 ng/ul	99
84) Di-n-octyl phthalate	22.18	149	1958917	17.523 ng/ul	100
85) Benzo(b)fluoranthene	23.00	252	1881554	18.856 ng/ul#	98
86) Benzo(k)fluoranthene	23.05	252	1808230	18.804 ng/ul#	97
88) Benzo(a)pyrene	23.60	252	1840656	19.571 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.07	276	2216240	22.190 ng/ul#	93
90) Dibenzo(a,h)anthracene	26.07	278	1883331	22.431 ng/ul#	96
91) Benzo(g,h,i)perylene	26.80	276	1858132	22.715 ng/ul#	95

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

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