Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014466.D
Acq On : 02 Mar 2018 17:43
Operator : SJ/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTD02030

Manual Integrations APPROVED
Sohil
3/5/2018 3:21:17 PM

Quant Time: Mar 03 00:11:19 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 22:33:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	136496	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	588640	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	351313	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	769459	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	510062	20.00	ng/ul	0.00
83) Perylene-d12	23.35	264	424481	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	20180m	6.33	ng/uL	0.00
5) Phenol-d5	6.73	99	219626	19.04	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	130787	18.73	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	188276	21.28	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	186081	18.43	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	91795	21.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	100225	22.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	189306	20.30	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	227196	24.73	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	580665	20.01	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	730113	20.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	50486	12.60	ng/ul	0.02
57) Fluorene-d10	15.19	176	474614	18.26	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	31649	6.86	ng/ul	0.01
70) Anthracene-d10	17.04	188	727944	19.61	ng/ul	0.00
76) Pyrene-d10	19.36	212	642377	24.42	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.22	264	397972	19.26	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.12	88	19939m	5.628	ng/uL	
4) Benzaldehyde	6.68	77	97487	20.727	ng/ul	89
6) Phenol	6.76	94	230731	19.060	ng/ul	95
8) Bis(2-Chloroethyl)ether	6.96	93	172834	19.677	ng/ul	97
10) 2-Chlorophenol	7.09	128	182909	20.252	ng/ul	96
11) 2-Methylphenol	7.99	108	175761	18.982	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.04	45	172091m	19.415	ng/ul	
14) Acetophenone	8.35	105	302285	17.357	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.32	70	159526	18.279	ng/ul#	72
16) 4-Methylphenol	8.32	108	184299	18.265	ng/ul	87
17) Hexachloroethane	8.56	117	72540	15.418	ng/ul#	70
20) Nitrobenzene	8.72	77	247464	19.236	ng/ul	98
21) Isophorone	9.24	82	445290	20.235	ng/ul	97
23) 2-Nitrophenol	9.42	139	105505	21.636	ng/ul#	87
24) 2,4-Dimethylphenol	9.50	107	234367	19.604	ng/ul	96
25) Bis(2-Chloroethoxy)methane	9.72	93	232871	20.090	ng/ul	97
27) 2,4-Dichlorophenol	9.97	162	179582	20.296	ng/ul#	91
28) Naphthalene	10.34	128	614739	20.333	ng/ul	98
30) 4-Chloroaniline	10.47	127	218460	23.315	ng/ul	99
31) Hexachlorobutadiene	10.60	225	135012	19.233	ng/ul	93
32) Caprolactam	11.27	113	56310	19.870	ng/ul#	40
33) 4-Chloro-3-methylphenol	11.63	107	209040	19.552	ng/ul	94
34) 2-Methylnaphthalene	11.96	142	436814	18.983	ng/ul	92

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.35	216	235677	20.898 ng/ul#	92
38) 2,4,6-Trichlorophenol	12.61	196	158774	22.567 ng/ul	95
39) 2,4,5-Trichlorophenol	12.70	196	161734	22.494 ng/ul	97
40) 1,1'-Biphenyl	13.00	154	584136	21.585 ng/ul#	98
41) 2-Chloronaphthalene	13.05	162	458868	21.226 ng/ul	95
42) 2-Nitroaniline	13.28	65	160290	21.913 ng/ul	97
44) Dimethylphthalate	13.65	163	573218	20.037 ng/ul	99
45) 2,6-Dinitrotoluene	13.79	165	115469	21.244 ng/ul#	84
47) Acenaphthylene	13.90	152	694522	20.540 ng/ul	99
48) 3-Nitroaniline	14.13	138	111909	24.292 ng/ul	93
49) Acenaphthene	14.25	153	476993	20.033 ng/ul	98
50) 2,4-Dinitrophenol	14.38	184	9375	3.207 ng/ul#	75
52) 4-Nitrophenol	14.50	109	109584	20.867 ng/ul#	54
53) Dibenzofuran	14.59	168	671461	18.808 ng/ul	92
54) 2,4-Dinitrotoluene	14.60	165	167027	19.180 ng/ul#	75
55) 2,3,4,6-Tetrachlorophenol	14.83	232	126562	17.406 ng/ul#	81
56) Diethylphthalate	15.03	149	579930	18.192 ng/ul	94
58) Fluorene	15.24	166	552394	17.923 ng/ul	97
59) 4-Chlorophenyl-phenylether	15.23	204	282649	17.533 ng/ul	90
60) 4-Nitroaniline	15.30	138	110935	21.473 ng/ul#	67
63) 4,6-Dinitro-2-methylphenol	15.37	198	31251	6.652 ng/ul#	86
64) N-Nitrosodiphenylamine	15.46	169	460491	20.825 ng/ul	98
65) 4-Bromophenyl-phenylether	16.13	248	172853	20.132 ng/ul#	88
66) Hexachlorobenzene	16.25	284	183988	20.377 ng/ul#	78
67) Atrazine	16.43	200	169789	19.443 ng/ul	94
68) Pentachlorophenol	16.62	266	64058m	13.539 ng/ul	
69) Phenanthrene	16.99	178	839155	18.928 ng/ul	99
71) Anthracene	17.08	178	856651	19.214 ng/ul	99
72) Carbazole	17.37	167	714288	19.053 ng/ul	98
73) Di-n-butylphthalate	17.92	149	925630	19.138 ng/ul	98
74) Fluoranthene	19.02	202	846843	15.988 ng/ul#	95
77) Pyrene	19.39	202	804389	23.730 ng/ul#	96
78) Butylbenzylphthalate	20.30	149	363163	25.911 ng/ul	90
79) 3,3'-Dichlorobenzidine	21.09	252	166448	18.561 ng/ul	91
80) Benzo(a)anthracene	21.15	228	637215	20.017 ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	488533	24.338 ng/ul	94
82) Chrysene	21.20	228	585384	19.712 ng/ul	100
84) Di-n-octyl phthalate	21.94	149	787567	21.621 ng/ul#	85
85) Benzo(b)fluoranthene	22.70	252	533239	18.761 ng/ul#	98
86) Benzo(k)fluoranthene	22.74	252	498768	18.457 ng/ul#	98
88) Benzo(a)pyrene	23.26	252	494266	19.461 ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.54	276	536658	21.775 ng/ul#	95
90) Dibenzo(a,h)anthracene	25.53	278	455255	22.230 ng/ul#	93
91) Benzo(g,h,i)perylene	26.20	276	446631	22.370 ng/ul	99

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

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