Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA M\DATA\BM020218\
Data File : BM014117.D
Acq On : 02 Feb 2018 17:23
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02027

Manual Integrations APPROVED
Sohil
2/5/2018 3:56:51 PM

Quant Time: Feb 03 03:21:40 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM013118.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Feb 03 01:36:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	92585	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	372885	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.21	164	256679	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	610078m	20.00	ng/ul	0.00
75) Chrysene-d12	21.17	240	660281	20.00	ng/ul	0.00
83) Perylene-d12	23.35	264	632795	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.12	96	14647	7.26	ng/uL	0.00
5) Phenol-d5	6.75	99	124310	17.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	76923	18.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	108340	19.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.27	113	110791	19.01	ng/ul	0.00
19) Nitrobenzene-d5	8.71	128	53328	19.81	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	59909	20.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	122217	19.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	107931	19.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.63	166	407636	19.14	ng/ul	0.00
46) Acenaphthylene-d8	13.90	160	512972	19.85	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	48248	16.44	ng/ul	0.00
57) Fluorene-d10	15.21	176	369625	19.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	64689	17.27	ng/ul	0.00
70) Anthracene-d10	17.06	188	584989	19.75	ng/ul	0.00
76) Pyrene-d10	19.37	212	641048	20.16	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	604837	19.47	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.15	88	15279	6.896	ng/uL#	63
4) Benzaldehyde	6.72	77	56316	16.872	ng/ul	97
6) Phenol	6.77	94	126942	18.235	ng/ul	94
8) Bis(2-Chloroethyl)ether	6.99	93	99747	18.430	ng/ul	95
10) 2-Chlorophenol	7.12	128	106178	19.096	ng/ul	96
11) 2-Methylphenol	8.00	108	97537	18.193	ng/ul	94
12) 2,2'-oxybis(1-Chloropropan	8.07	45	104157m	19.160	ng/ul	
14) Acetophenone	8.38	105	174991	17.790	ng/ul#	93
15) N-Nitroso-di-n-propylamine	8.36	70	95676	19.017	ng/ul#	71
16) 4-Methylphenol	8.33	108	101503	17.719	ng/ul	86
17) Hexachloroethane	8.60	117	55984	19.303	ng/ul#	79
20) Nitrobenzene	8.75	77	149149	19.718	ng/ul	98
21) Isophorone	9.27	82	257443	20.217	ng/ul	97
23) 2-Nitrophenol	9.46	139	65436	21.365	ng/ul	88
24) 2,4-Dimethylphenol	9.52	107	142595	20.646	ng/ul	97
25) Bis(2-Chloroethoxy)methane	9.76	93	142330	20.291	ng/ul	97
27) 2,4-Dichlorophenol	9.99	162	116228	19.959	ng/ul	97
28) Naphthalene	10.37	128	372563	19.847	ng/ul	100
30) 4-Chloroaniline	10.51	127	102090	18.754	ng/ul	97
31) Hexachlorobutadiene	10.65	225	108853	20.733	ng/ul	97
32) Caprolactam	11.28	113	29311m	18.332	ng/ul	
33) 4-Chloro-3-methylphenol	11.65	107	120271	19.716	ng/ul	98
34) 2-Methylnaphthalene	12.00	142	279103	19.692	ng/ul	94

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36) 1,2,4,5-Tetrachlorobenzene	12.37	216	185293	19.771	ng/ul#	91
37) Hexachlorocyclopentadiene	12.35	237	76123	14.915	ng/ul#	96
38) 2,4,6-Trichlorophenol	12.63	196	110040	20.186	ng/ul	95
39) 2,4,5-Trichlorophenol	12.72	196	109593	19.543	ng/ul	94
40) 1,1'-Biphenyl	13.03	154	399535	20.039	ng/ul	99
41) 2-Chloronaphthalene	13.07	162	322973	20.050	ng/ul	96
42) 2-Nitroaniline	13.30	65	89047	19.460	ng/ul	97
44) Dimethylphthalate	13.67	163	389070	18.946	ng/ul	99
45) 2,6-Dinitrotoluene	13.81	165	78922	19.787	ng/ul	95
47) Acenaphthylene	13.93	152	478512	19.943	ng/ul	98
48) 3-Nitroaniline	14.15	138	49937	16.661	ng/ul	99
49) Acenaphthene	14.27	153	329696	19.598	ng/ul	98
50) 2,4-Dinitrophenol	14.37	184	25901m	12.105	ng/ul	
52) 4-Nitrophenol	14.46	109	54401	15.377	ng/ul#	78
53) Dibenzofuran	14.62	168	507191	19.798	ng/ul	100
54) 2,4-Dinitrotoluene	14.61	165	115312	19.107	ng/ul#	66
55) 2,3,4,6-Tetrachlorophenol	14.85	232	107463	19.010	ng/ul	95
56) Diethylphthalate	15.05	149	417981	19.403	ng/ul	95
58) Fluorene	15.26	166	411306	19.253	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.26	204	239864	19.608	ng/ul	93
60) 4-Nitroaniline	15.32	138	51706	15.350	ng/ul#	85
63) 4,6-Dinitro-2-methylphenol	15.37	198	63912	16.835	ng/ul	96
64) N-Nitrosodiphenylamine	15.49	169	343254	19.501	ng/ul	98
65) 4-Bromophenyl-phenylether	16.16	248	149738	19.637	ng/ul	96
66) Hexachlorobenzene	16.27	284	161101	19.856	ng/ul#	91
67) Atrazine	16.44	200	129263	18.284	ng/ul	96
68) Pentachlorophenol	16.63	266	71415m	17.878	ng/ul	
69) Phenanthrene	17.01	178	669057m	19.505	ng/ul	
71) Anthracene	17.10	178	669391	19.261	ng/ul	98
72) Carbazole	17.38	167	524717	18.512	ng/ul	99
73) Di-n-butylphthalate	17.94	149	680418	19.136	ng/ul	99
74) Fluoranthene	19.03	202	789185	18.492	ng/ul#	96
77) Pyrene	19.40	202	812685	20.626	ng/ul#	96
78) Butylbenzylphthalate	20.32	149	311982	20.086	ng/ul	99
79) 3,3'-Dichlorobenzidine	21.10	252	206700	20.089	ng/ul	95
80) Benzo(a)anthracene	21.16	228	809838	19.690	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.09	149	446226	19.705	ng/ul	99
82) Chrysene	21.21	228	771492	19.955	ng/ul	99
84) Di-n-octyl phthalate	21.96	149	739020	18.346	ng/ul	97
85) Benzo(b)fluoranthene	22.70	252	781473	19.570	ng/ul#	97
86) Benzo(k)fluoranthene	22.74	252	764828	19.483	ng/ul#	97
88) Benzo(a)pyrene	23.26	252	737839	19.607	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.53	276	820774	19.903	ng/ul	97
90) Dibenzo(a,h)anthracene	25.53	278	693602	19.835	ng/ul#	97
91) Benzo(g,h,i)perylene	26.18	276	678794	19.910	ng/ul	100

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

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