Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012918\
Data File : BM013980.D
Acq On : 30 Jan 2018 04:29
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02008

Manual Integrations APPROVED
Sohil
1/30/2018 3:34:33 PM

Quant Time: Jan 30 07:46:37 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 02:42:12 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	99244	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	391671	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	243026	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	594905	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	676198	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	643297	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	15626	6.22	ng/uL	0.00
5) Phenol-d5	6.76	99	140383	18.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	84771	18.36	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	119018	19.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	115269	19.68	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	58433	19.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	66254	20.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.97	165	119980	19.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	134461	24.98	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	428284	21.38	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	538050	21.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	59304	18.22	ng/ul	0.00
57) Fluorene-d10	15.22	176	371487	21.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	69369	19.37	ng/ul	0.00
70) Anthracene-d10	17.07	188	607377	20.96	ng/ul	0.00
76) Pyrene-d10	19.38	212	674024	21.41	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	627844	21.23	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	17837	6.485	ng/uL#	61
4) Benzaldehyde	6.73	77	103166	19.566	ng/ul	91
6) Phenol	6.78	94	139643	18.274	ng/ul	93
8) Bis(2-Chloroethyl)ether	7.01	93	111163	18.590	ng/ul	96
10) 2-Chlorophenol	7.14	128	117588	19.004	ng/ul	96
11) 2-Methylphenol	8.02	108	107922	19.159	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.10	45	108320	17.803	ng/ul#	81
14) Acetophenone	8.39	105	190150	19.619	ng/ul	95
15) N-Nitroso-di-n-propylamine	8.37	70	98370	20.803	ng/ul#	73
16) 4-Methylphenol	8.35	108	114275	18.973	ng/ul	93
17) Hexachloroethane	8.62	117	59188	19.652	ng/ul#	81
20) Nitrobenzene	8.76	77	153829	19.593	ng/ul	94
21) Isophorone	9.29	82	255493	20.141	ng/ul#	94
23) 2-Nitrophenol	9.47	139	69378	20.730	ng/ul#	88
24) 2,4-Dimethylphenol	9.54	107	146191	20.719	ng/ul	95
25) Bis(2-Chloroethoxy)methane	9.77	93	152637	19.738	ng/ul	91
27) 2,4-Dichlorophenol	10.01	162	125419	20.977	ng/ul	95
28) Naphthalene	10.39	128	397415	20.395	ng/ul	99
30) 4-Chloroaniline	10.52	127	137850	25.828	ng/ul	94
31) Hexachlorobutadiene	10.66	225	106204	21.640	ng/ul	93
32) Caprolactam	11.30	113	37880m	22.775	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	124099	20.475	ng/ul	90
34) 2-Methylnaphthalene	12.02	142	297450	20.475	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	183589	20.388	ng/ul#	96
37) Hexachlorocyclopentadiene	12.36	237	60773	16.256	ng/ul#	87
38) 2,4,6-Trichlorophenol	12.65	196	115899	22.235	ng/ul	96
39) 2,4,5-Trichlorophenol	12.72	196	111800	20.613	ng/ul	91
40) 1,1'-Biphenyl	13.04	154	400098	19.778	ng/ul	99
41) 2-Chloronaphthalene	13.09	162	330609	20.907	ng/ul	97
42) 2-Nitroaniline	13.32	65	95016	21.782	ng/ul	96
44) Dimethylphthalate	13.69	163	414914	21.069	ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	85308	22.353	ng/ul#	93
47) Acenaphthylene	13.94	152	482956	20.666	ng/ul	97
48) 3-Nitroaniline	14.16	138	70192	23.387	ng/ul	88
49) Acenaphthene	14.29	153	337150	20.831	ng/ul	97
50) 2,4-Dinitrophenol	14.37	184	33670	15.391	ng/ul#	78
52) 4-Nitrophenol	14.48	109	65415	19.783	ng/ul#	67
53) Dibenzofuran	14.63	168	498930	20.491	ng/ul	100
54) 2,4-Dinitrotoluene	14.62	165	125526	22.564	ng/ul#	69
55) 2,3,4,6-Tetrachlorophenol	14.86	232	113230	22.195	ng/ul	94
56) Diethylphthalate	15.06	149	418118	21.097	ng/ul	95
58) Fluorene	15.28	166	428607	21.489	ng/ul	97
59) 4-Chlorophenyl-phenylether	15.27	204	231116	21.445	ng/ul	97
60) 4-Nitroaniline	15.33	138	64018	18.230	ng/ul#	77
63) 4,6-Dinitro-2-methylphenol	15.39	198	68130	18.025	ng/ul	97
64) N-Nitrosodiphenylamine	15.50	169	355833	20.337	ng/ul	98
65) 4-Bromophenyl-phenylether	16.17	248	148287	21.104	ng/ul	96
66) Hexachlorobenzene	16.28	284	160639	21.239	ng/ul#	91
67) Atrazine	16.46	200	142776	20.446	ng/ul	92
68) Pentachlorophenol	16.63	266	75213	18.714	ng/ul	98
69) Phenanthrene	17.02	178	684989	20.714	ng/ul	100
71) Anthracene	17.11	178	692721	20.309	ng/ul	99
72) Carbazole	17.39	167	559280	19.864	ng/ul	99
73) Di-n-butylphthalate	17.96	149	706333	21.331	ng/ul	99
74) Fluoranthene	19.04	202	822046	20.825	ng/ul#	96
77) Pyrene	19.41	202	873991	21.261	ng/ul#	95
78) Butylbenzylphthalate	20.32	149	321689	22.215	ng/ul	94
79) 3,3'-Dichlorobenzidine	21.10	252	246531	22.039	ng/ul	99
80) Benzo(a)anthracene	21.16	228	860392	21.057	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.10	149	473970	21.816	ng/ul	97
82) Chrysene	21.22	228	763072	20.358	ng/ul	99
84) Di-n-octyl phthalate	21.97	149	758370	19.562	ng/ul	97
85) Benzo(b)fluoranthene	22.71	252	820254	20.763	ng/ul	98
86) Benzo(k)fluoranthene	22.76	252	794593m	20.809	ng/ul	
88) Benzo(a)pyrene	23.27	252	772530	20.700	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.54	276	882024	20.021	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.55	278	743961	19.998	ng/ul#	97
91) Benzo(g,h,i)perylene	26.20	276	742189	20.469	ng/ul	99

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

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