Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM013018\
Data File : BM014000.D
Acq On : 30 Jan 2018 16:47
Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD02010

Manual Integrations APPROVED
Sohil
1/31/2018 8:32:26 PM

Quant Time: Jan 31 04:59:01 2018
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jan 30 07:49:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	67646	20.00	ng/ul	0.00
18) Naphthalene-d8	10.34	136	271923	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.22	164	183228	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.97	188	495666	20.00	ng/ul	0.00
75) Chrysene-d12	21.18	240	625959	20.00	ng/ul	0.00
83) Perylene-d12	23.36	264	629172	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	12106	7.07	ng/uL	0.00
5) Phenol-d5	6.76	99	92244	17.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	56465	17.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	83386	19.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	76520	19.17	ng/ul	0.00
19) Nitrobenzene-d5	8.72	128	38958	18.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.44	143	43984	19.73	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	88555	20.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.49	131	93014	24.89	ng/ul	0.00
43) Dimethylphthalate-d6	13.64	166	317660	21.04	ng/ul	0.00
46) Acenaphthylene-d8	13.91	160	392336	20.37	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	40378m	16.45	ng/ul	0.00
57) Fluorene-d10	15.22	176	296451	22.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	50280	16.85	ng/ul	0.00
70) Anthracene-d10	17.07	188	504949m	20.92	ng/ul	0.00
76) Pyrene-d10	19.38	212	600217	20.59	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.23	264	607173	21.00	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.16	88	15184m	8.099	ng/uL	
4) Benzaldehyde	6.73	77	75236m	20.934	ng/ul	
6) Phenol	6.78	94	93841	18.016	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.01	93	71487	17.539	ng/ul	96
10) 2-Chlorophenol	7.14	128	78625	18.643	ng/ul	96
11) 2-Methylphenol	8.02	108	70695	18.412	ng/ul	92
12) 2,2'-oxybis(1-Chloropropan	8.10	45	70679	17.042	ng/ul#	77
14) Acetophenone	8.39	105	128861	19.506	ng/ul	96
15) N-Nitroso-di-n-propylamine	8.37	70	69280	21.495	ng/ul#	77
16) 4-Methylphenol	8.35	108	78135m	19.032	ng/ul	
17) Hexachloroethane	8.62	117	44477	21.666	ng/ul	86
20) Nitrobenzene	8.76	77	109422	20.075	ng/ul#	88
21) Isophorone	9.29	82	177691	20.176	ng/ul	98
23) 2-Nitrophenol	9.47	139	43368	18.665	ng/ul	96
24) 2,4-Dimethylphenol	9.53	107	106427	21.725	ng/ul	93
25) Bis(2-Chloroethoxy)methane	9.77	93	99190	18.475	ng/ul	90
27) 2,4-Dichlorophenol	10.00	162	84714	20.409	ng/ul	98
28) Naphthalene	10.39	128	274374	20.282	ng/ul	97
30) 4-Chloroaniline	10.52	127	90750	24.491	ng/ul	92
31) Hexachlorobutadiene	10.66	225	80227	23.546	ng/ul	91
32) Caprolactam	11.30	113	22133m	19.167	ng/ul	
33) 4-Chloro-3-methylphenol	11.66	107	92501	21.983	ng/ul	89
34) 2-Methylnaphthalene	12.02	142	216067	21.422	ng/ul	94

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Operator : SJ/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.39	216	140823	20.742	ng/ul#	96
37) Hexachlorocyclopentadiene	12.36	237	41409	14.691	ng/ul	92
38) 2,4,6-Trichlorophenol	12.65	196	83770	21.316	ng/ul	94
39) 2,4,5-Trichlorophenol	12.73	196	80790	19.757	ng/ul	95
40) 1,1'-Biphenyl	13.05	154	300648	19.712	ng/ul	97
41) 2-Chloronaphthalene	13.09	162	239347	20.075	ng/ul	98
42) 2-Nitroaniline	13.32	65	69867	21.244	ng/ul	97
44) Dimethylphthalate	13.69	163	309368	20.836	ng/ul	99
45) 2,6-Dinitrotoluene	13.82	165	62317	21.658	ng/ul#	73
47) Acenaphthylene	13.94	152	359503	20.403	ng/ul	98
48) 3-Nitroaniline	14.16	138	49039	21.671	ng/ul	95
49) Acenaphthene	14.29	153	250657	20.541	ng/ul	98
50) 2,4-Dinitrophenol	14.38	184	21718	13.167	ng/ul#	78
52) 4-Nitrophenol	14.47	109	50265	20.162	ng/ul#	68
53) Dibenzofuran	14.63	168	399251	21.748	ng/ul	98
54) 2,4-Dinitrotoluene	14.62	165	93439	22.278	ng/ul#	58
55) 2,3,4,6-Tetrachlorophenol	14.86	232	89300	23.217	ng/ul	92
56) Diethylphthalate	15.06	149	324090	21.689	ng/ul	95
58) Fluorene	15.27	166	333155	22.155	ng/ul	99
59) 4-Chlorophenyl-phenylether	15.27	204	181875	22.383	ng/ul	98
60) 4-Nitroaniline	15.33	138	49474	18.686	ng/ul#	66
63) 4,6-Dinitro-2-methylphenol	15.39	198	54412	17.278	ng/ul	97
64) N-Nitrosodiphenylamine	15.49	169	285727	19.600	ng/ul	97
65) 4-Bromophenyl-phenylether	16.17	248	119845	20.471	ng/ul	93
66) Hexachlorobenzene	16.28	284	131791	20.914	ng/ul#	93
67) Atrazine	16.46	200	119378	20.518	ng/ul	95
68) Pentachlorophenol	16.63	266	55784	16.659	ng/ul	98
69) Phenanthrene	17.02	178	564555	20.490	ng/ul	98
71) Anthracene	17.11	178	582925	20.512	ng/ul	98
72) Carbazole	17.39	167	472387	20.137	ng/ul	98
73) Di-n-butylphthalate	17.96	149	567994	20.587	ng/ul	99
74) Fluoranthene	19.04	202	710857	21.614	ng/ul	98
77) Pyrene	19.41	202	762046	20.025	ng/ul#	96
78) Butylbenzylphthalate	20.32	149	271432	20.249	ng/ul	95
79) 3,3'-Dichlorobenzidine	21.10	252	234773	22.672	ng/ul#	93
80) Benzo(a)anthracene	21.16	228	793442	20.977	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.10	149	395986	19.689	ng/ul	97
82) Chrysene	21.22	228	707702	20.396	ng/ul	99
84) Di-n-octyl phthalate	21.97	149	688556	18.160	ng/ul	100
85) Benzo(b)fluoranthene	22.71	252	812116	21.018	ng/ul#	97
86) Benzo(k)fluoranthene	22.76	252	781861	20.935	ng/ul#	99
88) Benzo(a)pyrene	23.27	252	768237	21.047	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.54	276	857380	19.898	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.55	278	738457	20.295	ng/ul	97
91) Benzo(g,h,i)perylene	26.20	276	722101	20.362	ng/ul	97

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

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