Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091218\
Data File : BN002657.D
Acq On : 12 Sep 2018 16:32
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02039

Manual Integrations APPROVED
Sohil
9/13/2018 5:41:13 PM

Quant Time: Sep 13 05:49:39 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 13 05:01:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	153421	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	710919	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	440767	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.04	188	1019321	20.00	ng/ul	0.00
77) Chrysene-d12	21.25	240	1017824	20.00	ng/ul	0.00
85) Perylene-d12	23.46	264	883644	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	24399	7.51	ng/uL	0.00
5) Phenol-d5	6.85	99	274266	19.50	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	167161	18.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	221342	20.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	221455	19.69	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	108807	19.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.52	143	124656	20.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	230778	21.10	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	278855	23.59	ng/ul	0.00
43) Dimethylphthalate-d6	13.70	166	737961	20.20	ng/ul	0.00
46) Acenaphthylene-d8	13.98	160	911331	20.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	116268	16.83	ng/ul	0.00
57) Fluorene-d10	15.29	176	630002	19.89	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	128153	19.75	ng/ul	0.00
70) Anthracene-d10	17.14	188	985586	20.24	ng/ul	0.00
78) Pyrene-d10	19.45	212	1064952	21.87	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.32	264	959207	20.76	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	25347	7.289	ng/uL	91
4) Benzaldehyde	6.82	77	172577	17.857	ng/ul	97
6) Phenol	6.87	94	275539	19.233	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.09	93	210936	19.368	ng/ul#	87
10) 2-Chlorophenol	7.23	128	219320	20.331	ng/ul#	91
11) 2-Methylphenol	8.10	108	213185	19.718	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	8.19	45	346742	19.224	ng/ul#	85
14) Acetophenone	8.48	105	341847	19.013	ng/ul#	92
15) N-Nitroso-di-n-propylamine	8.46	70	181599	19.142	ng/ul#	85
16) 4-Methylphenol	8.43	108	229365	19.500	ng/ul	99
17) Hexachloroethane	8.72	117	86206	19.077	ng/ul	98
20) Nitrobenzene	8.85	77	260949	19.269	ng/ul	95
21) Isophorone	9.37	82	521041	19.958	ng/ul	99
23) 2-Nitrophenol	9.56	139	132381	21.164	ng/ul	91
24) 2,4-Dimethylphenol	9.62	107	265665	20.712	ng/ul	99
25) Bis(2-Chloroethoxy)methane	9.85	93	307873	20.016	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	223697	21.127	ng/ul	97
28) Naphthalene	10.48	128	732781	20.034	ng/ul	99
30) 4-Chloroaniline	10.60	127	280941	23.509	ng/ul	99
31) Hexachlorobutadiene	10.76	225	134042	20.110	ng/ul	98
32) Caprolactam	11.35	113	81673m	20.532	ng/ul	
33) 4-Chloro-3-methylphenol	11.73	107	253624	20.816	ng/ul	98
34) 2-Methylnaphthalene	12.10	142	543107	20.118	ng/ul	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	272306	20.396 ng/ul	100
37) Hexachlorocyclopentadiene	12.45	237	124160	15.309 ng/ul	98
38) 2,4,6-Trichlorophenol	12.72	196	180836	21.035 ng/ul	100
39) 2,4,5-Trichlorophenol	12.80	196	195704	21.275 ng/ul	98
40) 1,1'-Biphenyl	13.12	154	707946	20.064 ng/ul	99
41) 2-Chloronaphthalene	13.16	162	554681	20.166 ng/ul	96
42) 2-Nitroaniline	13.37	65	173096	19.759 ng/ul	86
44) Dimethylphthalate	13.75	163	719546	20.079 ng/ul	100
45) 2,6-Dinitrotoluene	13.88	165	151264	20.893 ng/ul	98
47) Acenaphthylene	14.01	152	859286	20.135 ng/ul	99
48) 3-Nitroaniline	14.21	138	144068	20.914 ng/ul	98
49) Acenaphthene	14.36	153	600277	19.940 ng/ul	99
50) 2,4-Dinitrophenol	14.43	184	74017	17.087 ng/ul#	1
52) 4-Nitrophenol	14.53	109	82571	15.773 ng/ul#	78
53) Dibenzofuran	14.69	168	837773	19.726 ng/ul	97
54) 2,4-Dinitrotoluene	14.67	165	222452	20.378 ng/ul#	83
55) 2,3,4,6-Tetrachlorophenol	14.93	232	168059	20.923 ng/ul	94
56) Diethylphthalate	15.12	149	738007	20.185 ng/ul	100
58) Fluorene	15.35	166	697708	20.080 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.34	204	346696	20.216 ng/ul	95
60) 4-Nitroaniline	15.38	138	171666	19.283 ng/ul	89
63) 4,6-Dinitro-2-methylphenol	15.45	198	131872	19.698 ng/ul	98
64) N-Nitrosodiphenylamine	15.56	169	614878	20.644 ng/ul	99
65) 4-Bromophenyl-phenylether	16.24	248	221299	21.281 ng/ul#	85
66) Hexachlorobenzene	16.35	284	241427	20.803 ng/ul	95
67) Atrazine	16.52	200	231473	21.257 ng/ul	98
68) Pentachlorophenol	16.70	266	110334	16.984 ng/ul	97
69) Phenanthrene	17.09	178	1127231	20.060 ng/ul	98
71) Anthracene	17.17	178	1155571	20.276 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.09	216	294978	20.696 ng/uL	97
73) Pentachlorobenzene	14.62	250	279070	20.543 ng/uL	99
74) Carbazole	17.45	167	1039268	20.563 ng/ul	99
75) Di-n-butylphthalate	18.02	149	1308837	21.302 ng/ul	99
76) Fluoranthene	19.10	202	1320333	20.644 ng/ul	99
79) Pyrene	19.47	202	1334171	21.739 ng/ul	99
80) Butylbenzylphthalate	20.38	149	607570	23.365 ng/ul	98
81) 3,3'-Dichlorobenzidine	21.16	252	425361	20.970 ng/ul	99
82) Benzo(a)anthracene	21.23	228	1281162	20.546 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.16	149	886384	22.725 ng/ul	97
84) Chrysene	21.28	228	1180822	20.008 ng/ul	99
86) Di-n-octyl phthalate	22.03	149	1494034	26.605 ng/ul#	93
87) Benzo(b)fluoranthene	22.80	252	1165161	21.998 ng/ul	99
88) Benzo(k)fluoranthene	22.85	252	1061096	21.264 ng/ul	99
90) Benzo(a)pyrene	23.36	252	1030020	20.414 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.67	276	1000621	16.670 ng/ul	99
92) Dibenzo(a,h)anthracene	25.68	278	840715	16.753 ng/ul	98
93) Benzo(g,h,i)perylene	26.35	276	811377	16.200 ng/ul	95

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

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