Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN091118\
Data File : BN002621.D
Acq On : 11 Sep 2018 10:58
Operator : JU/SJ
Sample : SSTDCCC020
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD02035

Manual Integrations APPROVED
Sohil
9/12/2018 4:54:49 PM

Quant Time: Sep 12 07:10:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN081318MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 06 06:54:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	160535	20.00	ng/ul	0.00
18) Naphthalene-d8	10.43	136	715869	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.29	164	432707	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.05	188	982918	20.00	ng/ul	0.00
77) Chrysene-d12	21.24	240	1042351	20.00	ng/ul	0.00
85) Perylene-d12	23.47	264	1024583	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.23	96	26574	7.81	ng/uL	0.00
5) Phenol-d5	6.85	99	282593	19.20	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	177626	19.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	230399	20.55	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	229434	19.50	ng/ul	0.00
19) Nitrobenzene-d5	8.81	128	114051	20.01	ng/ul	0.00
22) 2-Nitrophenol-d4	9.53	143	130919	21.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.06	165	235560	21.39	ng/ul	0.00
29) 4-Chloroaniline-d4	10.57	131	287481	24.15	ng/ul	0.00
43) Dimethylphthalate-d6	13.71	166	740262	20.64	ng/ul	0.00
46) Acenaphthylene-d8	13.99	160	912649	20.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	133946	19.75	ng/ul	0.00
57) Fluorene-d10	15.29	176	623189	20.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.43	200	133458	21.33	ng/ul	0.00
70) Anthracene-d10	17.15	188	960332	20.45	ng/ul	0.00
78) Pyrene-d10	19.45	212	1033019	20.71	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.33	264	1079660	20.15	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.26	88	28390	7.802	ng/uL	91
4) Benzaldehyde	6.82	77	187296	18.521	ng/ul	98
6) Phenol	6.88	94	285908	19.073	ng/ul	96
8) Bis(2-Chloroethyl)ether	7.09	93	218147	19.143	ng/ul#	87
10) 2-Chlorophenol	7.23	128	226396	20.056	ng/ul#	90
11) 2-Methylphenol	8.10	108	218666	19.328	ng/ul	97
12) 2,2'-oxybis(1-Chloropropan	8.19	45	361183	19.137	ng/ul#	86
14) Acetophenone	8.48	105	355730	18.909	ng/ul#	91
15) N-Nitroso-di-n-propylamine	8.46	70	187617	18.900	ng/ul#	86
16) 4-Methylphenol	8.43	108	234541	19.056	ng/ul	98
17) Hexachloroethane	8.72	117	92575	19.579	ng/ul	98
20) Nitrobenzene	8.85	77	272642	19.993	ng/ul	96
21) Isophorone	9.37	82	537372	20.441	ng/ul	98
23) 2-Nitrophenol	9.56	139	134891	21.416	ng/ul	90
24) 2,4-Dimethylphenol	9.62	107	271977	21.057	ng/ul	98
25) Bis(2-Chloroethoxy)methane	9.85	93	314328	20.295	ng/ul	99
27) 2,4-Dichlorophenol	10.09	162	225364	21.137	ng/ul	98
28) Naphthalene	10.48	128	736291	19.990	ng/ul	100
30) 4-Chloroaniline	10.60	127	283740	23.579	ng/ul	98
31) Hexachlorobutadiene	10.76	225	138649	20.658	ng/ul	98
32) Caprolactam	11.37	113	87721m	21.900	ng/ul	
33) 4-Chloro-3-methylphenol	11.73	107	258397	21.061	ng/ul	99
34) 2-Methylnaphthalene	12.10	142	539170	19.834	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.47	216	271477	20.712 ng/ul	99
37) Hexachlorocyclopentadiene	12.45	237	137209	17.233 ng/ul	95
38) 2,4,6-Trichlorophenol	12.72	196	187149	22.175 ng/ul	99
39) 2,4,5-Trichlorophenol	12.80	196	198235	21.951 ng/ul	97
40) 1,1'-Biphenyl	13.12	154	694305	20.044 ng/ul	99
41) 2-Chloronaphthalene	13.16	162	543655	20.134 ng/ul	97
42) 2-Nitroaniline	13.37	65	181950	21.157 ng/ul#	81
44) Dimethylphthalate	13.76	163	716046	20.354 ng/ul	99
45) 2,6-Dinitrotoluene	13.88	165	153137	21.545 ng/ul	98
47) Acenaphthylene	14.02	152	847423	20.227 ng/ul	100
48) 3-Nitroaniline	14.21	138	144361	21.347 ng/ul	88
49) Acenaphthene	14.36	153	598126	20.239 ng/ul	97
50) 2,4-Dinitrophenol	14.43	184	89499	21.046 ng/ul#	1
52) 4-Nitrophenol	14.54	109	99424	19.346 ng/ul#	83
53) Dibenzofuran	14.70	168	830321	19.915 ng/ul	95
54) 2,4-Dinitrotoluene	14.67	165	224930	20.989 ng/ul#	84
55) 2,3,4,6-Tetrachlorophenol	14.93	232	175626	22.273 ng/ul	91
56) Diethylphthalate	15.13	149	745514	20.770 ng/ul	99
58) Fluorene	15.35	166	685255	20.089 ng/ul	98
59) 4-Chlorophenyl-phenylether	15.35	204	338520	20.107 ng/ul	93
60) 4-Nitroaniline	15.38	138	169556	19.401 ng/ul	93
63) 4,6-Dinitro-2-methylphenol	15.45	198	138048	21.384 ng/ul	97
64) N-Nitrosodiphenylamine	15.56	169	605602	21.085 ng/ul	98
65) 4-Bromophenyl-phenylether	16.24	248	212275	21.169 ng/ul	91
66) Hexachlorobenzene	16.36	284	234605	20.964 ng/ul	91
67) Atrazine	16.52	200	233417	22.229 ng/ul	98
68) Pentachlorophenol	16.70	266	137926	22.018 ng/ul	98
69) Phenanthrene	17.09	178	1094711	20.203 ng/ul	99
71) Anthracene	17.18	178	1119265	20.366 ng/ul	99
72) 1,2,3,4-Tetrachlorobenzene	13.09	216	290107	21.108 ng/uL	100
73) Pentachlorobenzene	14.62	250	274236	20.935 ng/uL	99
74) Carbazole	17.45	167	1013554	20.797 ng/ul	98
75) Di-n-butylphthalate	18.02	149	1329886	22.446 ng/ul	100
76) Fluoranthene	19.11	202	1274893	20.672 ng/ul	99
79) Pyrene	19.47	202	1286974	20.477 ng/ul	100
80) Butylbenzylphthalate	20.39	149	618212	23.215 ng/ul	99
81) 3,3'-Dichlorobenzidine	21.17	252	405827	19.537 ng/ul	98
82) Benzo(a)anthracene	21.23	228	1290636	20.211 ng/ul	100
83) Bis(2-ethylhexyl)phthalate	21.17	149	945231m	23.664 ng/ul	
84) Chrysene	21.29	228	1225777	20.281 ng/ul	99
86) Di-n-octyl phthalate	22.04	149	1589169	24.407 ng/ul#	93
87) Benzo(b)fluoranthene	22.80	252	1262443	20.556 ng/ul	99
88) Benzo(k)fluoranthene	22.85	252	1190267	20.572 ng/ul	98
90) Benzo(a)pyrene	23.37	252	1175680	20.096 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.68	276	1253204	18.006 ng/ul	97
92) Dibenzo(a,h)anthracene	25.70	278	1052041	18.080 ng/ul	98
93) Benzo(g,h,i)perylene	26.36	276	1017768	17.525 ng/ul	97

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

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